

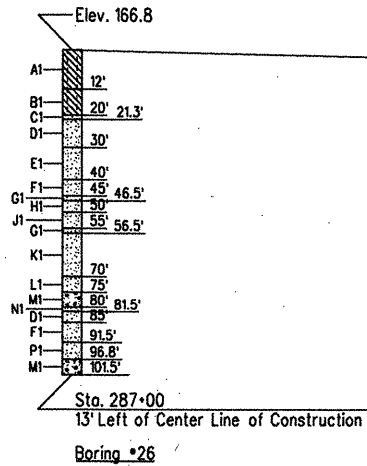
DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.		110395	29	203
				06830		SOIL BORINGS	47027	

BORING LEGEND

A1-Moist, Very Stiff, Brown and Gray Silty Clay
B1-Wet, Stiff, Brown and Gray Silty Clay
C1-Wet, Medium Dense, Gray and Brown Sand with some Clay Seams
D1-Wet, Dense, Gray Sand
E1-Wet, Dense, Gray Sand with Traces of Lignite
F1-Wet, Medium Dense, Gray Sand
G1-Wet, Dense, Gray Sand with some Pea Gravel
H1-Wet, Dense, Gray Sand with some Cemented Sand Seams
J1-Wet, Medium Dense, Gray Sand with some Lignite
K1-Wet, Medium Dense, Gray Sand with some Gravel
L1-Wet, Medium Dense, Gray Sand with some Pea Gravel
M1-Wet, Very Dense, Gray Sand and Gravel
N1-Wet, Dense, Gray Sand with some Gravel
P1-Wet, Very Dense, Gray Sand with some Clay Seams and Lignite
Q1-Moist, Stiff, Brown and Gray Silty Clay with some Organic Matter
R1-Moist, Soft, Brown and Gray Silty Clay
S1-Wet, Very Soft, Gray Silty Clay
T1-Wet, Soft, Gray Sandy, Silty Clay
U1-Wet, Soft, Gray Sandy Clay
V1-Wet, Loose, Gray Sand with some Clay Seams
W1-Wet, Medium Dense to Dense, Gray Sand
X1-Wet, Dense, Gray Sand and Gravel
Y1-Wet, Dense to Very Dense, Gray Sand
Z1-Wet, Dense, Gray Sand with Traces of Gravel and Lignite
A2-Wet, Very Dense, Gray Sand with some Gravel
B2-Moist, Very Stiff, Gray Silty Clay
C2-Moist, Medium Stiff, Gray and Brown Silty Clay with some Organic Matter
D2-Wet, Very Soft, Gray Sandy Clay
E2-Wet, Very Loose, Gray Sand with Clay Seams
F2-Wet, Very Loose, Gray Sand with some Clay Seams
G2-Wet, Medium Dense, Gray Sand with some Gypsum
H2-Wet, Medium Dense, Gray Sand with Clay Seams
J2-Wet, Medium Dense, Gray Sand with some Large Gravel
K2-Wet, Medium Dense, Gray Sand with Traces of Lignite
L2-Wet, Dense, Gray Sand with some Large Gravel
M2-Wet, Dense, Gray Sand with some Large Gravel and Traces of Lignite
N2-Wet, Very Dense, Gray Sand
P2-Wet, Very Dense, Gray Sand with Large Gravel
Q2-Hard, Brown and Gray Cemented Silt with Clay Seams
R2-Wet, Very Dense, Gray Sand with some Clay Seams
S2-Moist, Medium Dense, Brown and Gray to Brown Clayey Silt
T2-Moist, Stiff, Brown and Gray Silty Clay
U2-Wet, Very Soft, Gray and Brown Sandy, Silty Clay with some Organic Matter
V2-Wet, Loose, Gray Sand
W2-Wet, Medium Dense, Gray Sand and Gravel
X2-Wet, Very Dense, Gray Sand with Traces of Lignite
Y2-Wet, Medium Dense, Gray Sand with some Gravel and Traces of Lignite
Z2-Moist, Stiff, Brown Sandy, Silty Clay with some Organic Matter
A3-Moist, Soft, Brown Sandy, Silty Clay with some Organic Matter
B3-Wet, Very Loose, Gray Sand with some Organic Matter
C3-Wet, Medium Dense, Brown to Gray Sand
D3-Wet, Loose, Gray Sand with some Organic Matter
E3-Wet, Medium Dense, Gray Sand with some Organic Matter
F3-Wet, Medium Dense, Gray Sand with some Clay Seams and Traces of Lignite
G3-Wet, Dense, Gray Sand with Traces of Gravel

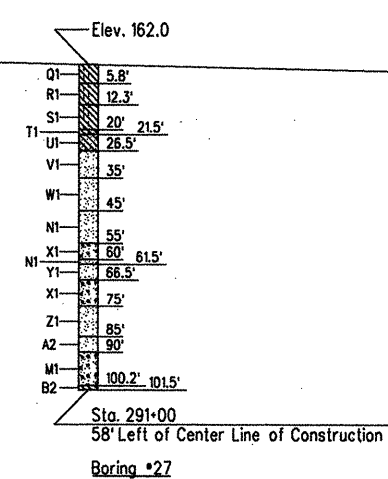
SOIL BORINGS & "N" VALUES

NOTE: ORGANIC MATTER AND LIGNITE WERE ENCOUNTERED IN THE BORINGS AND MAY BE ENCOUNTERED IN GREATER AMOUNTS AT OTHER LOCATIONS IN THE PROJECT AREA.



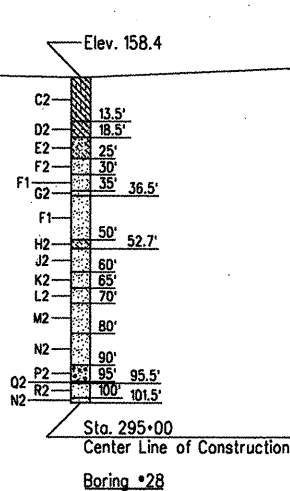
Sta. 287+00 - 13' Left of Center Line of Construction

4.5-	5.5,N=22
11.0-	12.0,N=22
15.5-	16.5,N=11
20.5-	21.5,N=11
25.5-	26.5,N=32
30.5-	31.5,N=31
35.5-	36.5,N=42
40.5-	41.5,N=30
45.5-	46.5,N=32
50.5-	51.5,N=18
55.5-	56.5,N=37
60.5-	61.5,N=25
65.5-	66.5,N=25
70.5-	71.5,N=21
75.5-	76.5,N=72
80.5-	81.5,N=43
85.5-	86.5,N=23
90.5-	91.5,N=21
95.5-	96.5,N=61
100.5-	101.5,N=108



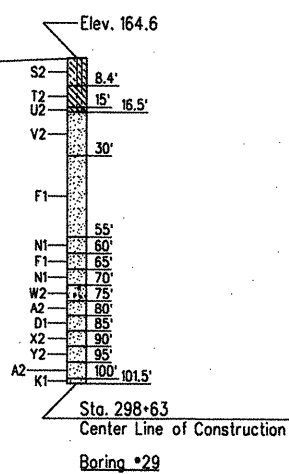
Sta. 291+00 - 58' Left of Center Line of Construction

4.2-	5.2,N=15
11.3-	12.3,N=2
15.5-	16.5,N=0
20.5-	21.5,N=3
25.5-	26.5,N=3
30.5-	31.5,N=8
35.5-	36.5,N=22
40.5-	41.5,N=39
45.5-	46.5,N=43
50.5-	51.5,N=33
55.5-	56.5,N=32
60.5-	61.5,N=49
65.5-	66.5,N=69
70.5-	71.5,N=36
75.5-	76.5,N=42
80.5-	81.5,N=35
85.5-	86.5,N=63
90.5-	91.0,N=60(0.5')
95.5-	96.5,N=51
100.5-	101.5,N=30



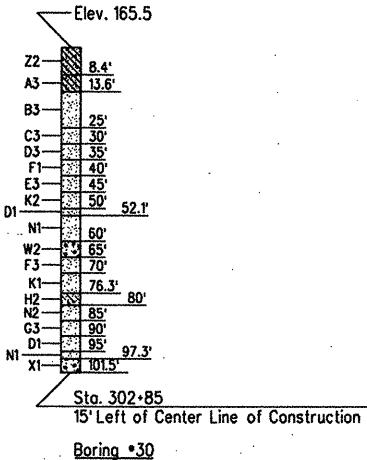
Sta. 295+00 - Center Line of Construction

4.0-	5.0,N=5
9.0-	10.0,N=5
14.0-	15.0,N=0
19.0-	20.0,N=3
25.5-	26.5,N=4
30.5-	31.5,N=11
35.5-	36.5,N=19
40.5-	41.5,N=17
45.5-	46.5,N=16
50.5-	51.5,N=11
55.5-	56.5,N=22
60.5-	61.5,N=18
65.5-	66.5,N=35
70.5-	71.5,N=33
75.5-	76.5,N=48
80.5-	81.5,N=61
85.5-	86.5,N=63
90.5-	91.5,N=105
95.5-	96.5,N=85
100.5-	101.5,N=80



Sta. 298+63 - Center Line of Construction

3.9-	4.9,N=14
8.9-	9.9,N=13
15.5-	16.5,N=0
20.5-	21.5,N=5
25.5-	26.5,N=10
30.5-	31.5,N=15
35.5-	36.5,N=15
40.5-	41.5,N=20
45.5-	46.5,N=26
50.5-	51.5,N=23
55.5-	56.5,N=43
60.5-	61.5,N=22
65.5-	66.5,N=34
70.5-	71.5,N=28
75.5-	76.5,N=61
80.5-	81.5,N=43
85.5-	86.5,N=79
90.5-	91.5,N=26
95.5-	96.5,N=57
100.5-	101.5,N=29



Sta. 302+85 - 15' Left of Center Line of Construction

3.9-	4.9,N=13
8.9-	9.9,N=4
13.9-	14.9,N=2
18.9-	19.9,N=4
25.5-	26.5,N=11
30.5-	31.5,N=10
35.5-	36.5,N=12
40.5-	41.5,N=12
45.5-	46.5,N=28
50.5-	51.5,N=33
55.5-	56.5,N=36
60.5-	61.5,N=16
65.5-	66.5,N=20
70.5-	71.5,N=16
75.5-	76.5,N=18
80.5-	81.5,N=64
85.5-	86.5,N=38
90.5-	91.5,N=37
95.5-	96.5,N=42
100.5-	101.5,N=46



ALTERNATE NO. 1 & 2

DETAILS OF SOIL BORINGS
(SHEET 4 OF 5)
WHITE RIVER STR. & APPRS.
(CLARENDON) (PH.III) (F)
MONROE COUNTY

ROUTE 79 SEC. 13
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

Engstrom / Modjeski and Masters

DRAWN BY: JDB/TAD DATE: Nov. 07 FILENAME: b1103951.116.dgn
CHECKED BY: LKD DATE: Nov. 01 SCALE: 1" = 30'-0"
DESIGNED BY: LKD DATE: Nov. 01
BRIDGE NO. 06830 DRAWING NO. 47027

BRIDGE ENGINEER