ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80/94	2626.2-R-1	LAKE COUNTY, INDIANA	452	212
		ILLINOIS	FED. AID PROJECT-	

SHEET NO. S-17
20 SHEETS

CONTRACT NO. 62113 INDOT DES. NO. 0100987

BORING NO. AR-097 (2 OF 2)

Wang Engineering, INC. Consulting Geotechnical and Environmental Engineers
wangeng3@wangeng.com
100 Fairbank Street
Addison, IL 60101
Telephone: 630 458-0700
Fax: 630 458-0900

BORING LOG AR-097

WEI Job No.: 255-08-01
Client: American Consulting Engineers
Project: FAI 80/94, I-294 to US 41
Location: s13 T36N R10W & s29 R15E T36N

Datum: NGVD
Elevation: 189.75 m
North: 545302.39 m
East: 367730.65 m
Station: 8+328.83
Offset: 18.63 RT

Page 2 of 2

Depth (m)	Sample Type	Sample No.	N Values (b/w/150 mm)	Qu (kPa)	Moisture Content (%)
16					
		18	4 5 5	220 B	21
17					
		19	4 5 6	194 B	22
18					
19					
		20	3 6 7	251 B	23
20					
		21	7 9 12	330 B	19
21					
22					

Elevation (m): 168.4

Boring terminated at 21.34 m

GENERAL NOTES

Begin Drilling 05-07-2002 Complete Drilling 05-07-2002
Drilling Contractor TSC Drill Rig CME 75
Driller C&A Logger E. Datz Checked by B. Fugiel
Drilling Method Mud Rotary; Grouted after final water reading

WATER LEVEL DATA

While Drilling ▽ –
At Completion of Drilling ▼ –
Time After Drilling 24 hours
Depth to Water ▽ 0.30 m

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

BORING NO. AR-098 (1 OF 2)

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BORING LOG AR-098

WEI Job No.: 255-08-01
Client: American Consulting Engineers
Project: FAI 80/94, I-294 to US 41
Location: s13 T36N R10W & s29 R15E T36N

Datum: NGVD
Elevation: 190.07 m
North: 545294.46 m
East: 367750.08 m
Station: 8+349.8
Offset: 19.61 RT

Page 1 of 2

Elevation (m): 189.7 — 355-mm thick ASPHALT --PAVEMENT--
Elevation (m): 189.5 — Gray CRUSHED STONE --BASE COURSE--
Stiff to hard, brown and gray SILTY CLAY --FILL--

Depth (m)	Sample Type	Sample No.	N Values (b/w/150 mm)	Qu (kPa)	Moisture Content (%)
1		1	8 10 5	383 P	12
1		2	5 7 9	287 P	16
2		3	9 11 14	142 B	15
3		4	6 7 7	683 B	18
3		5	6 7 9	400 B	19
4		6	4 5 8	212 S	18
5		7	4 4 9	322 B	14
6		8	4 7 13	236 S	20
6		9	6 9 12	243 S	16
7		10	5 6 9	251 S	15
8		11	6 7 8	290 S	17
9		12	6 9 9	447 B	21
10		13	6 6 8	287 P	28
10		14	3 4 5		23
11		15	6 7 8	400 B	22
12		16	6 6 8	251 B	21
13		17	3 4 4	142 B	19
14		18	6 8 8	196 B	19

Elevation (m): 180.8 — Very stiff to hard, brown and gray CLAY
Elevation (m): 178.5 — Stiff to hard, gray CLAY

GENERAL NOTES

Begin Drilling 05-16-2002 Complete Drilling 05-16-2002
Drilling Contractor TSC Drill Rig CME 75
Driller C&A Logger H. Suhail Checked by B. Fugiel
Drilling Method Mud Rotary; Grouted upon completion

WATER LEVEL DATA

While Drilling ▽ –
At Completion of Drilling ▼ –
Time After Drilling – hours
Depth to Water ▽ m

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

BORING NO. AR-098 (2 OF 2)

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BORING LOG AR-098

WEI Job No.: 255-08-01
Client: American Consulting Engineers
Project: FAI 80/94, I-294 to US 41
Location: s13 T36N R10W & s29 R15E T36N

Datum: NGVD
Elevation: 190.07 m
North: 545294.46 m
East: 367750.08 m
Station: 8+349.8
Offset: 19.61 RT

Page 2 of 2

Depth (m)	Sample Type	Sample No.	N Values (b/w/150 mm)	Qu (kPa)	Moisture Content (%)
16					
		19	2 2 1	103 B	30
17					
		20	3 5 6	290 B	22
18					
19					
		21	4 6 6	322 B	22
20					
		22	6 7 8	354 B	21
21					
22					
		23	5 9 12	456 B	15
23					
		24	9 14 16	879 B	12
24					
25					
		25	8 13 16	574 B	13
26					
27					
28					
29					
30					

Elevation (m): 168.1 — Hard, gray SILTY CLAY
Elevation (m): 164.2 — Boring terminated at 25.91 m

GENERAL NOTES

Begin Drilling 05-16-2002 Complete Drilling 05-16-2002
Drilling Contractor TSC Drill Rig CME 75
Driller C&A Logger H. Suhail Checked by B. Fugiel
Drilling Method Mud Rotary; Grouted upon completion

WATER LEVEL DATA

While Drilling ▽ –
At Completion of Drilling ▼ –
Time After Drilling – hours
Depth to Water ▽ m

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

DESIGNED	MJW
CHECKED	KFA
DRAWN	MJB
CHECKED	GSP

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-80/94/US 6
KINGERY-BORMAN EXPRESSWAY
BURNHAM ROAD TO US 41

BORING LOGS (3 OF 6)
SECTION 2626.2-R-1
LAKE COUNTY, INDIANA
STATION 8+268.572 TO STATION 8+445.954
STRUCTURE NO. 016-W857

DATE 07/04

AMERICAN CONSULTING ENGINEERS