ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80/94	2626.2-R-1	LAKE COUNTY, INDIANA	452	230
		ILLINOIS	FED. AID PROJECT-	

SHEET NO. S-15

17 SHEETS

CONTRACT NO. 62113 INDOT DES. NO. 0100987

BORING NO. AR-111 (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-111

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: 189.17 m
North: 545184.76 m
East: 368063.86 m
Station: 8+681.39
Offset: 19.71 RT

Page 2 of 2

Elevation (m)	SOIL AND ROCK DESCRIPTION
173.3	Very stiff, gray CLAY
166.3	Boring terminated at 22.86 m

Depth (m)	Sample Type	Recovery	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
16						
17			17	3 5 6	299 B	22
18			18	3 5 6	267 B	22
19			19	3 6 7	243 B	23
20			20	5 6 6	228 B	23
21			21	5 7 8	314 B	23
22						
23						
24						
25						
26						
27						
28						
29						
30						

GENERAL NOTES

Begin Drilling 05-05-2002 Complete Drilling 05-05-2002
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 ▼ 5.64 m

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

BORING NO. AR-112 (1 OF 2)

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

BORING LOG AR-112

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: 188.79 m
North: 545179.49 m
East: 368082.10 m
Station: 8+700.19
Offset: 19.46 RT

Page 1 of 2

Elevation (m)	SOIL AND ROCK DESCRIPTION
188.6	178-mm thick ASPHALT
	--PAVEMENT--
	Medium dense, gray CRUSHED STONE
	--BASE COURSE--
187.9	Stiff to hard, brown and gray SILTY CLAY
	--FILL--
181.0	Very stiff, brown and gray CLAY
179.0	Very stiff, gray CLAY
175.4	Medium dense to dense, gray SILT
173.7	Very stiff, gray CLAY, trace

Depth (m)	Sample Type	Recovery	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
1			1	13 6 11	NP	13
2			2	6 6 8	149 P	19
3			3	10 11 14	251 B	17
4			4	8 14 11	142 S	18
5			5	6 7 7	408 B	14
6			6	4 6 7	424 B	16
7			7	4 6 8	251 B	15
8			8	3 9 11	267 B	20
9			9	4 6 10	275 S	18
10			10	5 7 8	322 B	17
11			11	5 6 8	361 B	19
12			12	5 6 9	377 B	19
13			13	3 5 5	196 B	20
14			14	3 4 5	228 B	20
15			15	7 12 21	NP	19
16			16	11 11 8	240 P	20

GENERAL NOTES

Begin Drilling 04-14-2002 Complete Drilling 04-15-2002
Drilling Contractor TSC Drill Rig CME 75
Driller C&J Logger H. Suhail 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 ▼ 0.91 m

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

BORING NO. AR-112 (2 OF 2)

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BORING LOG AR-112

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: 188.79 m
North: 545179.49 m
East: 368082.10 m
Station: 8+700.19
Offset: 19.46 RT

Page 2 of 2

Elevation (m)	SOIL AND ROCK DESCRIPTION
	gravel
165.9	Boring terminated at 22.86 m

Depth (m)	Sample Type	Recovery	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
16						
17			17	4 4 7	228 B	21
18			18	4 5 7	236 B	22
19			19	4 5 6	243 B	22
20			20	4 7 9	322 B	22
21			21	7 11 13	299 B	18
22						
23						
24						
25						
26						
27						
28						
29						
30						

GENERAL NOTES

Begin Drilling 04-14-2002 Complete Drilling 04-15-2002
Drilling Contractor TSC Drill Rig CME 75
Driller C&J Logger H. Suhail 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 ▼ 0.91 m

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

DESIGNED	MJW
CHECKED	KFA
DRAWN	CAKMJB
CHECKED	GSP

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

BORING LOGS (4 OF 6)
SECTION 2626.2-R-1
LAKE COUNTY, INDIANA
STATION 8+600.619 TO STATION 8+735.576
STRUCTURE NO. 016-W859

DATE 07/04

AMERICAN CONSULTING ENGINEERS