ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80/94	2626.2-R-1	COOK	452	175
		S.B.I.INDES	FED. AID PROJECT-	

SHEET NO. S-11

12 SHEETS

CONTRACT NO. 62113 INDOT DES. NO. 0100987

BORING NO. AR-074 (1 OF 1)

Page 1 of 1

Wang Engineering, INC.
Consulting Geotechnical and Environmental Engineers
wangeng3@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

BORING LOG AR-074

WEI Job No.: 255-08-01

Client: American Consulting Engineers
Project: FAI 80/94, I-294 to US 41
Location: s29 T36N R15E & s13 T36N R10W

Datum: USGS
Elevation: 181.99 m
North: 545455.06 m
East: 367232.98 m
Station: 7+804.78
Offset: 24.72 RT

Elevation (m)	SOIL AND ROCK DESCRIPTION
181.8	Brown SILTY CLAY LOAM --TOPSOIL--
	Very stiff, brown, black and gray SILTY CLAY --FILL--
180.9	Very stiff to hard, brown CLAY
178.0	Stiff, gray CLAY
175.4	Medium dense, gray SILT
174.2	Medium stiff gray CLAY
173.5	Soft, gray SILTY CLAY
172.2	Stiff to very stiff, gray CLAY
169.2	Very stiff, gray SILTY CLAY
168.3	Boring terminated at 13.72 m

Sample No.	SPT Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
1	3 5 7	359 P	15	8	2 3 4	55 B	23
2	3 6 8	287 P	23	9	1 2 3	32 B	19
3	3 5 8	393 B	20	10			
4	5 9 11	369 B	19	11	3 5 6	189 B	30
5	5 6 9	385 B	19				
6	5 6 7	157 B	16	12	4 8 9	236 B	21
7	2 3 5	125 B	19				
8	3 5 7	133 B	20	13			
				14			
9	4 8 8	NP	17	15	5 10 16	330 B	13
10	5 3 3	NP	20				

GENERAL NOTES

Begin Drilling 07-10-2003 Complete Drilling 07-10-2003
Drilling Contractor TSC Drill Rig CME 75
Driller C&A Logger J. Kasnick Checked by B. Fugiel
Drilling Method 3.25-in. HSA; Grouted upon completion

WATER LEVEL DATA

While Drilling 6.63 m
At Completion of Drilling DRY
Time After Drilling NA
Depth to Water NA

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

BORING NO. AR-075 (1 OF 1)

Page 1 of 1

Wang Engineering, INC.
Consulting Geotechnical and Environmental Engineers
wangeng3@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

BORING LOG AR-075

WEI Job No.: 255-08-01

Client: American Consulting Engineers
Project: FAI 80/94, I-294 to US 41
Location: s29 T36N R15E & s13 T36N R10W

Datum: USGS
Elevation: 181.53 m
North: 545445.40 m
East: 367270.78 m
Station: 7+844.3
Offset: 25.92 RT

Elevation (m)	SOIL AND ROCK DESCRIPTION
181.4	Brown SILTY CLAY LOAM --TOPSOIL--
	Hard, brown, black, and gray SILTY CLAY --FILL--
180.2	Very stiff, brown CLAY
178.1	Stiff to very stiff, gray CLAY
177.0	Very stiff, brown and gray SANDY CLAY
176.8	Soft to very stiff, gray CLAY
169.7	Very stiff, gray SILTY CLAY
167.8	Boring terminated at 13.72 m

Sample No.	SPT Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
1	5 7 8	>431 P	11				
2	3 4 6	236 B	20	9			
3	6 7 8	338 S	19	10			
4	4 7 11	335 P	18	11	5 5 8	220 B	21
5	5 6 9	243 B	18				
6	4 5 6	125 B	19	12	5 10 14	251 B	24
7	4 3 5	118 B	20				
8	3 5 6	165 B	21	13			
				14			
9	2 3 4	39 B	22	15	7 13 18	236 B	14
10	3 4 5	181 B	27				

GENERAL NOTES

Begin Drilling 07-10-2003 Complete Drilling 07-10-2003
Drilling Contractor TSC Drill Rig CME 75
Driller C&A Logger J. Kasnick Checked by B. Fugiel
Drilling Method 3.25-in. HSA; Grouted upon completion

WATER LEVEL DATA

While Drilling 4.42 m
At Completion of Drilling 4.57 m
Time After Drilling NA
Depth to Water NA

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

BORING NO. AR-076 (1 OF 1)

Page 1 of 1

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-076

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: USGS
Elevation: 182.20 m
North: 545438.02 m
East: 367313.02 m
Station: 7+887.63
Offset: 23.00 RT

Elevation (m)	SOIL AND ROCK DESCRIPTION
182.0	Black SANDY LOAM --TOPSOIL--
	Very stiff to hard, brown and gray SILTY CLAY
180.5	Hard, brown CLAY
179.0	Medium stiff to very stiff, gray CLAY
168.5	Boring terminated at 13.72 m

Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
1	3 5 9	314 S	16				
2	3 5 10	424 B	19	9			
3	7 8 10	526 B	17	10			
4	4 6 8	487 B	18	11	3 5 9	730 B	20
5	3 5 6	236 B	19				
6	4 5 6	165 B	20	12	4 5 8	236 B	17
7	3 4 6	149 B	20				
8	2 3 4	79 B	18	13			
				14			
9	2 3 4	79 B	23	15	5 8 14	354 B	12
10	2 3 4	125 B	22				

GENERAL NOTES

Begin Drilling 10-17-2001 Complete Drilling 10-17-2001
Drilling Contractor TSC Drill Rig B-61
Driller G&F Logger B. Fugiel Checked by B. Fugiel
Drilling Method 3.25-in. HSA; Grouted upon completion

WATER LEVEL DATA

While Drilling ▽ DRY
At Completion of Drilling ▼ DRY
Time After Drilling NA
Depth to Water ▽ NA

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 (1 OF 2)
SECTION 2626.2-R-1
COOK COUNTY
STATION 7+821.737 TO STATION 7+960.424
STRUCTURE NO. 016-W855

DATE 07/04

AMERICAN CONSULTING ENGINEERS