ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 90/94	2626.2-R-1	COOK	452	163
	ILLINOIS	FED. AID PROJECT-		

SHEET NO. S-19
20 SHEETS

CONTRACT NO. 62113 INDOT DES. NO. 0100987

BORING NO. AR-064 (1 OF 1)

Wang Engineering, INC. Consulting Geotechnical and Environmental Engineers
wangeng3@wangeng.com
100 Fairbank Street
Addison, IL 60101
Telephone: 630 458-0700
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BORING LOG AR-064

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: 181.92 m
North: 545520.12 m
East: 367151.82 m
Station: 7+713
Offset: 24.27 LT

Page 1 of 1

Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
181.8	Loose, black SANDY LOAM --TOPSOIL--						
181.6	Loose, black SAND and GRAVEL --FILL--						
	Stiff, black SANDY CLAY LOAM --FILL--						
	Very stiff, brown to gray SILTY CLAY --FILL--	1		1	3 2 2 2	120 P	32
		2		2	3 4 4	267 B	21
		3		3	2 4 5	196 B	26
179.5	Stiff, brown CLAY	3		4	2 2 4	157 B	19
178.7	Stiff, gray CLAY	4		5	2 3 4	165 B	20
177.7	Very stiff, gray SILTY CLAY	4		6	3 4 8	236 B	19
177.2	Medium dense to dense, gray SILT	5		7	5 5 7	NP	21
		6		8	7 15 15	NP	19
175.7	Stiff, gray SILTY CLAY						
175.2	Medium dense, gray SANDY LOAM	7		9	2 3 8	142 B	17
175	Boring terminated at 6.86 m						

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)

GENERAL NOTES

Begin Drilling 10-02-2001 Complete Drilling 10-02-2001
Drilling Contractor TSC Drill Rig B-61
Driller G&F Logger B. Fugiel Checked by B. Fugiel
Drilling Method 2.75-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.

WANGENG 255B01.GPJ WANGENG.GDT 6/13/03

BORING NO. AR-065 (1 OF 1)

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BORING LOG AR-065

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: 182.03 m
North: 545515.18 m
East: 367199.37 m
Station: 7+760.05
Offset: 27.63 LT

Page 1 of 1

Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
181.3	Black SANDY LOAM --TOPSOIL--						
	Very stiff to hard, brown and gray SILTY CLAY --FILL--	1		1	1 3 4 5	359 P	18
		2		2	3 4 7	393 S	20
180.3	Very stiff, brown CLAY	2		3	3 4 6	330 B	20
		3		4	3 4 7	251 B	19
178.8	Stiff, gray CLAY	4		5	3 4 6	165 B	20
177.3	Loose, gray SANDY LOAM	4		6	2 3 5	125 B	18
176.5	Medium dense, gray SILT	5		7	3 4 5	NP	15
175.8	Medium stiff to stiff, gray CLAY	6		8	11 14 7	NP	21
		7		9	2 2 3	55 B	21
174.4		7		10	2 2 3	149 B	21

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
		Boring terminated at 7.62 m						

GENERAL NOTES

Begin Drilling 10-02-2001 Complete Drilling 10-02-2001
Drilling Contractor TSC Drill Rig B-61
Driller G&F Logger B. Fugiel Checked by B. Fugiel
Drilling Method 2.75-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.

WANGENG 255B01.GPJ WANGENG.GDT 6/13/03

BORING NO. AR-066 (1 OF 1)

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BORING LOG AR-066

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: 181.94 m
North: 545506.73 m
East: 367240.71 m
Station: 7+801.65
Offset: 27.42 LT

Page 1 of 1

Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
181.3	Black SANDY LOAM --TOPSOIL--						
	Very stiff to hard, black, brown and gray SILTY CALY --FILL--	1		1	3 4 5 6	314 B	22
		2		2	4 5 5	550 B	19
180.3	Very stiff to hard, brown and gray CLAY	2		3	4 5 6	314 B	20
		3		4	6 7 7	471 B	18
178.0	Very stiff, gray SILTY CLAY	4		5	2 6 8	251 B	18
177.7	Loose, gray SILT	4		6	5 4 4	NP	19
176.9	Stiff, gray CLAY	5		7	4 6 5	189 B	24
176.2	Medium dense, gray SILT	6		8	7 7 4	NP	24
175.7	Medium stiff to stiff, gray CLAY	7		9	3 3 6	48 P	21
174.3		7		10	2 3 5	103 B	22

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
		Boring terminated at 7.62 m						

GENERAL NOTES

Begin Drilling 10-02-2001 Complete Drilling 10-02-2001
Drilling Contractor TSC Drill Rig B-61
Driller G&F Logger B. Fugiel Checked by B. Fugiel
Drilling Method 2.75-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.

WANGENG 255B01.GPJ WANGENG.GDT 6/13/03

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 (2 OF 3)
SECTION 2626.2-R-1
COOK COUNTY
STATION 7+609.549 TO STATION 7+893.827
STRUCTURE NO. 016-W856

DATE 07/04

AMERICAN CONSULTING ENGINEERS