ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80/94	2001 - 167R	COOK	1207	793
		ILLINOIS	FED. AID PROJECT-	C-96-061-89

SHEET NO. S-11

14 SHEETS

CONTRACT No. 62114

BORING NO. AR-053 (1 OF 2)

Page 1 of 2

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BORING LOG AR-053

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: 182.09 m
North: 545498.73 m
East: 366821.34 m
Station: 7 +384.87
Offset: 22.40 RT

Elevation (m)	SOIL AND ROCK DESCRIPTION	Sample No.	N Values (b/w/150 mm)	Qu (kPa)	Moisture Content (%)
181.9	Black SANDY CLAY LOAM --TOPSOIL--				
	Very stiff, brown and gray SILTY CLAY --FILL--	1	2 4 6 7	240 P	16
		2	4 5 6	240 P	19
180.4	Hard, brown CLAY	3	4 5 9	589 B	18
		4	5 7 9	471 B	19
178.7	Stiff to very stiff, gray CLAY	5	3 5 7	196 B	19
		6	3 4 5	125 B	20
		7	2 3 6	133 B	21
		8	2 4 6	196 B	20
175.1	Medium dense, gray SILT	9	3 4 6	172 B	22
		10	8 5 8	NP	20
174.3	Stiff to very stiff, gray CLAY	11	2 3 4	172 B	24
		12	3 5 6	189 B	21
		13	5 6 7	236 B	21
		14	4 6 7	228 B	20
169.4	Hard, gray, gravelly SILTY CLAY				

GENERAL NOTES

Begin Drilling 10-22-2001 Complete Drilling 10-22-2001
Drilling Contractor TSC Drill Rig B-61
Driller G&F Logger B. Fugiel Checked by L. Iordache
Drilling Method 3.25-in. HSA; Grouted

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.

BORING NO. AR-053 (2 OF 2)

Page 2 of 2

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BORING LOG AR-053

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: 182.09 m
North: 545498.73 m
East: 366821.34 m
Station: 7 +384.87
Offset: 22.40 RT

Elevation (m)	SOIL AND ROCK DESCRIPTION	Sample No.	N Values (b/w/150 mm)	Qu (kPa)	Moisture Content (%)
168.4	Boring terminated at 13.72 m	15	11 17 20	471 B	18

GENERAL NOTES

Begin Drilling 10-22-2001 Complete Drilling 10-22-2001
Drilling Contractor TSC Drill Rig B-61
Driller G&F Logger B. Fugiel Checked by L. Iordache
Drilling Method 3.25-in. HSA; Grouted

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.

BORING NO. AR-054 (1 OF 1)

Page 1 of 1

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BORING LOG AR-054

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: 545499.83 m
East: 366844.72 m
Station: 7 +408.52
Offset: 21.37 RT

Elevation (m)	SOIL AND ROCK DESCRIPTION	Sample No.	N Values (b/w/150 mm)	Qu (kPa)	Moisture Content (%)
	Very stiff, brown SILTY CLAY --FILL--	1	2 2 4 6	220 B	23
180.7		2	3 4 5	377 B	20
	Hard, brown CLAY	3	3 4 6	550 B	21
179.6	Very stiff, gray CLAY	4	3 4 6	314 B	20
		5	3 4 6	283 B	19
		6	2 4 5	220 B	19
		7	3 4 5	189 B	24
176.1	Boring terminated at 6.10 m	8	3 4 5	189 B	20

GENERAL NOTES

Begin Drilling 10-01-2001 Complete Drilling 10-01-2001
Drilling Contractor TSC Drill Rig B-61
Driller G&F Logger B. Fugiel Checked by L. Iordache
Drilling Method 2.75-in. HSA; Grouted

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	KFA
CHECKED	MJW
DRAWN	MJW
CHECKED	GSP

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 80/94 AND U.S. ROUTE 6
LOCAL ROAD RECONSTRUCTION

BORING LOGS (1 OF 4)
SECTION 2001-167R
COOK COUNTY
STATION 7+386.260 to STATION 7+543.382
STRUCTURE NO. 016-W853

DATE 07/05

AMERICAN CONSULTING ENGINEERS

FOR INFORMATION ONLY