ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80/94	2001-167R	COOK COUNTY	1207	980
		R.I.P.H.S.S.	FED. AID PROJECT-	D-41-611-05

SHEET NO. S-35
37 SHEETS

CONTRACT No. 62114

BORING NO. AR-049 (1 OF 2)

Page 1 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-049

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: 182.19 m
North: 545498.14 m
East: 366732.12 m
Station: 7 +295.59
Offset: 21.98 RT

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type	Sample recovery	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
	182.0	Black SILTY CLAY LOAM --TOPSOIL--							
		Stiff to hard, brown and gray SILTY CLAY --FILL--	1			1	2 2 4 7	157 B	26
	180.9	Hard, brown CLAY	2			2	4 6 10	535 B	20
	179.4	Medium stiff to stiff, gray CLAY to SILTY CLAY	3			3	4 4 7	464 B	20
			4			4	4 4 6	181 B	19
			5			5	3 4 6	157 B	20
			6			6	2 2 4	86 B	20
			7			7	2 3 7	71 B	21
	176.4	Medium dense, gray SILT	8			8	6 3 2	NP	23
	176.2	Soft to medium stiff, gray CLAY to CLAY LOAM							

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type	Sample recovery	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
			7			9	4 4 5	94 B	21
			8			10	2 2 2	86 B	24
			9			11	2 2 3	181 B	33
						12	2 2 3	24 P	19
	172.4	Very stiff, gray CLAY	10			13	2 3 6	220 B	20
			11			14	3 4 6	212 B	20
			12						
			13						

GENERAL NOTES

Begin Drilling: 10-09-2001 Complete Drilling: 10-09-2001
Drilling Contractor: TSC Drill Rig: B-61
Driller: G&F Logger: B. Fugiel Checked by: B. Fugiel
Drilling Method: 3.25-in. HSA; Grouted

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.

MANDRACHE 255081.GPJ MANDRAC.GDT 6/25/03

BORING NO. AR-049 (2 OF 2)

Page 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-049

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: 182.19 m
North: 545498.14 m
East: 366732.12 m
Station: 7 +295.59
Offset: 21.98 RT

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type	Sample recovery	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
			14			15	4 5 8	220 B	15
	167.9	Hard, gray SILTY CLAY	15			16	4 10 12	432 B	13
	166.9	Boring terminated at 15.24 m	16						
			17						
			18						
			19						

GENERAL NOTES

Begin Drilling: 10-09-2001 Complete Drilling: 10-09-2001
Drilling Contractor: TSC Drill Rig: B-61
Driller: G&F Logger: B. Fugiel Checked by: B. Fugiel
Drilling Method: 3.25-in. HSA; Grouted

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.

MANDRACHE 255081.GPJ MANDRAC.GDT 6/25/03

BORING NO. AR-050 (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-050

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: 182.11 m
North: 545498.37 m
East: 366754.95 m
Station: 7 +318.43
Offset: 22.01 RT

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type	Sample recovery	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
	181.5	Black SANDY CLAY LOAM to SANDY LOAM --TOPSOIL--							
		Stiff, brown CLAY LOAM --FILL--	1			1	2 2 4 6	157 B	24
	181.2	Hard, brown and gray SILTY CLAY --FILL--	2			2	4 4 6	487 B	20
	180.4	Very stiff to hard, brown CLAY	3			3	5 6 7	644 B	17
			4			4	4 5 7	212 B	20
	178.9	Stiff, gray CLAY to SILTY CLAY	5			5	3 4 7	157 B	19
			6			6	2 3 5	125 B	22
			7			7	3 3 5	94 B	21
	176.0	Boring terminated at 6.10 m	8			8	2 3 5	110 B	20

GENERAL NOTES

Begin Drilling: 10-09-2001 Complete Drilling: 10-09-2001
Drilling Contractor: TSC Drill Rig: B-61
Driller: G&F Logger: B. Fugiel Checked by: B. Fugiel
Drilling Method: 2.25-in. SSA; Backfilled

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.

MANDRACHE 255081.GPJ MANDRAC.GDT 6/25/03

DESIGNED	BHS
CHECKED	KFA
DRAWN	MJB
CHECKED	GSP

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

BORING LOGS (11 OF 13)
SECTION 2001-167R
COOK COUNTY
STATION 6+850.000 to STATION 7+400.281
STRUCTURE NO. 016-W873

DATE 07/05

AMERICAN CONSULTING ENGINEERS

FOR INFORMATION ONLY

PLOTTED: 07/07/2005 02:32:36 PM
C:\projects\2550811\Drawings\Mandrache\Mandrache_Boring_Logs.dgn