ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80/94	2626.2E-R-1	COOK	1207	838
		ILLINOIS	FED. AID PROJECT-	

SHEET NO. S-18
20 SHEETS

CONTRACT NO. 62114 INDOT DES. NO. 0100987

BORING NO. AR-061 (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-061

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: 180.59 m
North: 545530.82 m
East: 367055.77 m
Station: 74617.52
Offset: 21.78 LT

Page 1 of 1

Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type / recovery	Sample No.	N Values (b/w/150 mm)	Qu (kPa)	Moisture Content (%)
180.59	Black SANDY LOAM --TOPSOIL--						
	Hard, brown and gray SILTY CLAY --FILL--			1	5 8 9	479 S	17
179.7	Stiff, brown and gray SILTY CLAY			2	3 3 5	189 B	20
				3	3 4 7	157 B	19
178.2	Stiff to very stiff, gray CLAY			4	2 3 4	149 B	19
				5	3 3 5	157 B	21
				6	4 5 5	172 B	19
				7	4 4 6	149 B	18
174.5	Boring terminated at 6.10 m			8	2 3 4	196 B	29

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.

BORING NO. AR-062 (1 OF 1)

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BORING LOG AR-062

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: 180.99 m
North: 545530.72 m
East: 367078.73 m
Station: 74640.05
Offset: 24.37 LT

Page 1 of 1

Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type / recovery	Sample No.	N Values (b/w/150 mm)	Qu (kPa)	Moisture Content (%)
180.99	Black SANDY LOAM --TOPSOIL--						
	Hard, brown SILTY CLAY --FILL--			1	2 4 4 5	@431 P	16
180.1	Stiff to very stiff, brown CLAY			2	3 3 3	204 B	19
				3	2 2 3	287 P	20
177.6	Stiff to very stiff, gray CLAY			4	1 2 2	142 B	20
				5	2 3 4	220 B	21
				6	2 3 5	157 B	20
176.0	Stiff, gray SILTY CLAY			7	3 4 5	172 B	13
				8	3 4 6	125 B	14
174.9	Boring terminated at 6.10 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.

BORING NO. AR-063 (1 OF 1)

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BORING LOG AR-063

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: 181.18 m
North: 545526.75 m
East: 367106.46 m
Station: 74667.72
Offset: 24.06 LT

Page 1 of 1

Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type / recovery	Sample No.	N Values (b/w/150 mm)	Qu (kPa)	Moisture Content (%)
181.18	Black SANDY LOAM --TOPSOIL--						
	Stiff to very stiff, brown and gray SILTY CLAY --FILL--			1	3 4 5 6	142 B	28
179.5	Stiff, brown and gray CLAY			2	2 2 3	267 B	21
				3	1 1 2	118 B	20
178.7	Loose, brown, medium SAND			4	1 1 1	NP	23
178.3	Medium stiff, gray SILTY CLAY			5	8 10 15	NP	20
177.7	Medium dense, gray SILT			6	5 9 8	NP	21
177.2	Stiff, gray SILTY CLAY			7	5 6 10	NP	18
176.8	Medium dense, gray SILT			8	2 3 6	220 B	28
175.7	Very stiff, gray CLAY						
175.1	Boring terminated at 6.10 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.

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

DATE 07/05

AMERICAN CONSULTING ENGINEERS