ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80/94	2626.1B	COOK	1207	576
		R.L.SHOW	FED. AID PROJECT-	C-96-058-06

SHEET NO. S-32
35 SHEETS

CONTRACT No. 62114

BORING NO. AB-01 (1 OF 2)

Page 1 of 2

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Telephone: 630 458-0700
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BORING LOG AB-01

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: 186.61 m
North: 545551.98 m
East: 367008.62 m
Station: 7+569.25
Offset: 38.16 LT

Elevation (m)	SOIL AND ROCK DESCRIPTION	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
186.7	102-mm thick ASPHALT over 279-mm thick CONCRETE				
186.4	--PAVEMENT--				
186.0	Gray, CRUSHED STONE --BASE COURSE--				
185.3	Hard, brown and gray, SILTY CLAY --FILL--	1	3 3 4	431 P	21
	305-mm thick CONCRETE				
	Stiff to very stiff, brown and gray, CLAY --FILL--	2	2 3 5	144 P	17
		3	1 3 5	275 B	19
		4	3 4 5	172 B	21
		5	2 2 3	216 P	24
		6	2 1 3	196 B	20
181.9	Medium dense, brown and gray SILT --FILL--	7	3 9 7	NP	18
181.0	Hard, gray and brown SILTY CLAY --FILL--	8	4 5 9	464 B	17
180.1	Stiff to hard, brown CLAY	9	3 4 5	110 S	24
		10	4 4	461 B	19
178.0	Medium stiff to very stiff, gray CLAY	11	3 3 5	142 B	19
		12	2 3 6	196 B	18
		13	2 3 3	71 B	20
		14	2 2 3	102 B	21
		15	2 4 4	228 B	21
		16	3 4	236 B	20

GENERAL NOTES

Begin Drilling: 09-12-2001 Complete Drilling: 09-12-2001
Drilling Contractor: TSC Drill Rig: B-61
Driller: G&F Logger: B. Fugiel Checked by: B. Fugiel
Drilling Method: Mud Rotary; 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. AB-01 (2 OF 2)

Page 2 of 2

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BORING LOG AB-01

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: 186.61 m
North: 545551.98 m
East: 367008.62 m
Station: 7+569.25
Offset: 38.16 LT

Elevation (m)	SOIL AND ROCK DESCRIPTION	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
169.2	Hard, gray, gravelly SILTY CLAY	17	3 4 7	196 B	20
		18	6 10 11	644 B	13
		19	7 7 12	471 S	13
166.2	Medium dense, gray SILT	20	7 11 16	NP	15
164.5	Hard, gray, gravelly SILTY CLAY	21	7 10	582 B	12
160.7	Boring terminated at 25.91 m	22	6 7 13	432 B	14
		23	6 11 13 17	393 B	14

GENERAL NOTES

Begin Drilling: 09-12-2001 Complete Drilling: 09-12-2001
Drilling Contractor: TSC Drill Rig: B-61
Driller: G&F Logger: B. Fugiel Checked by: B. Fugiel
Drilling Method: Mud Rotary; 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. AB-02 (1 OF 2)

Page 1 of 2

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BORING LOG AB-02

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: 186.64 m
North: 545550.02 m
East: 367021.64 m
Station: 7+582.14
Offset: 37.38 LT

Elevation (m)	SOIL AND ROCK DESCRIPTION	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
186.7	76-mm thick ASPHALT over 279-mm thick CONCRETE				
186.4	--PAVEMENT--				
186.0	Hard, brown SILTY CLAY --FILL--	1	4 50/1 S	432 S	16
183.3	305-mm thick CONCRETE				
	Stiff to hard, brown SILTY CLAY --FILL--	2	2 3 4	133 B	20
		3	6 6 7	228 B	17
		4	3 3 6	314 B	20
		5	1 3 3	157 B	22
		6	3 3 9	379 B	19
		7	2 2 7	-	
		8	4 7 10	471 B	19
179.9	Very stiff, brown CLAY	9	4 5 8	613 B	20
		10	3 3	275 B	20
178.7	Stiff to very stiff, gray CLAY	11	3 3 6	228 B	19
		12	-		
		13	2 3 5	125 B	20
175.4	Medium dense, gray, gravelly SANDY LOAM	14	7 8 8	NP	11
173.8	Very stiff, gray CLAY	15	4 4 6	212 B	20
		16	6 6	251 B	19

GENERAL NOTES

Begin Drilling: 09-11-2001 Complete Drilling: 09-11-2001
Drilling Contractor: TSC Drill Rig: B-61
Driller: G&F Logger: B. Fugiel Checked by: B. Fugiel
Drilling Method: Mud Rotary; 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	JDG
CHECKED	JDG
DRAWN	MJB
CHECKED	JDG

ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.I ROUTE 80/94 (KINGERY EXPRESSWAY)
UNDER WENTWORTH AVE

BORING LOGS (1 OF 4)
SECTION 2626.1B
COOK COUNTY
STATION 7+579.488
STRUCTURE NO. 016-2790

DATE 07/05

AMERICAN CONSULTING ENGINEERS

FOR INFORMATION ONLY