

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 85 91 SHEETS
F. A. I. 80/94	*	COOK	870	599	
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT	
(0203.1 & 0312-708W) R-3		CONTRACT NO. 62108			

BORING LOG HB-61
 WEI Job No.: 665-05-01
 Client: HNTB Corporation
 Project: IL 394 (FAP 94) IDOT D-91-012-01
 Location: Sections 25&26, T36N, R14E, Cook Co.
 Datum: NGVD
 Elevations: 180.59 m
 North: 545911.43 m
 East: 362563.14 m
 Station: 440+646.29
 Offset: 0.29 LT

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	Moisture Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	Moisture Content (%)
180.59	Dark brown LOAM --TOPSOIL--	0	1	4	17	177.8	Very stiff, gray SILTY CLAY	0	11	14	228
180.59	Medium stiff, dark brown to brown CLAY LOAM with organic matter	1	2	72	24	177.8	Very dense, gray SILT	1	12	2	275
177.9	Loose, brown and gray SANDY LOAM	3	4	0	39	177.9	Medium dense, gray gravelly SAND	3	13	30	NP
177.4	Medium stiff, gray, organic CLAY with shell fragments	4	5	0	34	177.4	Very stiff, gray SILTY CLAY	4	14	4	NP
176.5	Very stiff, gray CLAY	6	7	251	20	176.5	Boring terminated at 13.39 m	6	15	50/427	354

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	11-27-2001	Complete Drilling	11-27-2001	While Drilling	∇	11.58 m	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75	At Completion of Drilling	∇		
Driller	K & C	Logger	B. Fugiel	Checked by	L. Iordache		
Drilling Method	3.25-inch ID HSA, Boring grouted after completion.			Depth to Water	∇	NA	

BORING LOG HB-62
 WEI Job No.: 665-05-01
 Client: HNTB Corporation
 Project: IL 394 (FAP 94) IDOT D-91-012-01
 Location: Sections 25&26, T36N, R14E, Cook Co.
 Datum: NGVD
 Elevations: 180.41 m
 North: 545911.11 m
 East: 362546.09 m
 Station: 110+186.26
 Offset: 0

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	Moisture Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	Moisture Content (%)
180.41	Dark brown SILTY CLAY LOAM --TOPSOIL--	0	1	3	24	177.0	Dense, gray, gravelly SILT	10	10	0	NP
180.41	Medium stiff, brown to gray CLAY LOAM with organic matter	1	2	48	20	177.0	Loose, gray gravelly SAND	5	11	1	NP
177.0	Very dense, gray SILT	2	3	0	26	177.0	Medium dense, gray gravelly SAND	5	12	2	NP
176.2	Soft, gray organic CLAY with shell fragments	6	6	1	59	176.2	Hard, gray SILTY CLAY	13	13	0	NP
176.0	Loose, gray gravelly SAND	5	5	NP	20	176.0	Boring terminated at 13.39 m	6	14	0	NP

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	11-26-2001	Complete Drilling	11-26-2001	While Drilling	∇	3.43 m	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75	At Completion of Drilling	∇		
Driller	K & C	Logger	B. Fugiel	Checked by	E. Datz		
Drilling Method	3.25-inch ID HSA, Boring grouted after completion.			Depth to Water	∇	NA	

BORING LOG HB-63
 WEI Job No.: 665-05-01
 Client: HNTB Corporation
 Project: IL 394 (FAP 94) IDOT D-91-012-01
 Location: Sections 25&26, T36N, R14E, Cook Co.
 Datum: NGVD
 Elevations: 179.65 m
 North: 545945.24 m
 East: 362550.35 m
 Station: 440+646.53
 Offset: 10.71 LT

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	Moisture Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	Moisture Content (%)
179.65	Dark brown CLAY LOAM --TOPSOIL--	0	1	96	42	177.0	Very dense, gray SILTY LOAM with gravel	11	11	3	471
179.65	Stiff, brown to brown and gray CLAY LOAM with organic matter	1	2	120	39	177.0	Very dense, gray gravelly SAND	12	12	20	NP
177.0	Very loose, gray SANDY LOAM with organic matter	3	3	0	31	177.0	Hard gray SILTY CLAY	13	13	6	NP
176.4	Stiff to very stiff, gray CLAY	4	4	0	31	176.4	Dense, gray, fine SAND	11	14	28	798
176.4	Hard gray SILTY CLAY	5	5	189	21	176.4	Boring terminated at 12.02 m	12	14	50/127	N/A

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	11-26-2001	Complete Drilling	11-26-2001	While Drilling	∇	8.99 m	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75	At Completion of Drilling	∇	8.84 m	
Driller	K & C	Logger	B. Fugiel	Checked by	E. Datz		
Drilling Method	3.25-inch ID HSA, Boring grouted after completion.			Depth to Water	∇	NA	

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DESIGNED	PCA
CHECKED	MEA
DRAWN	LK
CHECKED	MEA

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-94 EAST BOUND / IL 394 SOUTH BOUND
SOIL BORING LOGS
HB-61, HB-62 & HB-63
 SB IL ROUTE 394 / RAMP F OVER THORN CREEK
 F.A.P. 332 SECTION (0203.1 & 0312-708W) R-3
 COOK COUNTY
 STA. 440+704.350 STRUCTURE NO. 016-2800/2845
 DATE JUL 18, 2005
 SCALE ---
HNTB