

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80/94	*	COOK	870	702
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

SHEET NO. 10
12 SHEETS

*10203.1 & 0312-708W) R-3 CONTRACT #62108

SOIL BORING HG-10

BORING LOG HG-10 Page 1 of 1

Wang Engineering, INC.
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1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

WEI Job No.: 665-05-03
Client: HNTB Corporation
Project: IL 394 (FAP 94) IDOT D-91-012-01
Location: Sections 25&26, T36N, R14E, Cook Co.

Datum: NGVD
Elevation: 180.45 m
North: 545852.42 m
East: 362429.86 m
Station: 440+723.87
Offset: 118.49 LT

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type	Sample No.	SPT Values (blows/150 mm)	DL (m)	Moisture Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type	Sample No.	N Values (blows/150 mm)	DL (m)	Moisture Content (%)
180.4	Black CLAY LOAM --TOPSOIL--	0						180.4		0					
179.8	Stiff to very stiff, dark gray CLAY LOAM	1		1	216	27		179.8		1	11	3	307	16	
178.5	Stiff, dark gray CLAY	2		2	120	35		178.5		2	12	7	495	14	
177.8	Stiff, dark gray CLAY	3		3	142	22		177.8		3					
177.2	Soft to medium stiff, dark gray SANDY CLAY LOAM	4		4	95	35		177.2		4					
176.2	Stiff to very stiff, gray CLAY	5		5	32	32		176.2		5					
174.1	Water-bearing SAND lens	6		6	189	21		174.1		6					
174.0	Very stiff to hard, gray SILTY CLAY	7		7	196	21		174.0		7					
		8		8	267	21				8					
		9		9	236	19				9					
		10		10	267	16				10					

GENERAL NOTES

Begin Drilling 05-03-2002 Complete Drilling 05-03-2002
Drilling Contractor Patrick Drilling Drill Rig CME 75
Driller K&C Logger N. Davis Checked by B. Fudiel
Drilling Method 3.25-in HSA. Backfilled upon completion

WATER LEVEL DATA

While Drilling 6.40 m
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.

SOIL BORING HG-11

BORING LOG HG-11 Page 1 of 1

Wang Engineering, INC.
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1145 Main Street
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Telephone: 630 953-9928
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WEI Job No.: 665-05-03
Client: HNTB Corporation
Project: IL 394 (FAP 94) IDOT D-91-012-01
Location: Sections 25&26, T36N, R14E, Cook Co.

Datum: NGVD
Elevation: 183.80 m
North: 545346.85 m
East: 362756.27 m
Station: 30+545.02
Offset: 52.62 LT

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type	Sample No.	SPT Values (blows/150 mm)	DL (m)	Moisture Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type	Sample No.	N Values (blows/150 mm)	DL (m)	Moisture Content (%)
183.8	Gray CRUSHED STONE --AGGREGATE SHOULDER--	0						183.8		0					
183.4	Very stiff to hard, brown CLAY to SILTY CLAY	1		1	330	23		183.4		1					
181.8	Medium dense, brown SILT	2		2	487	19		181.8		2					
181.4	Stiff, brown CLAY	3		3	NP	18		181.4		3					
180.6	Stiff to very stiff, gray CLAY	4		4	172	22		180.6		4					
		5		5	118	30				5					
		6		6	169	20				6					
		7		7	220	19				7					
		8		8	181	19				8					
		9		9	118	21				9					
		10		10	142	21				10					

GENERAL NOTES

Begin Drilling 05-02-2002 Complete Drilling 05-02-2002
Drilling Contractor Patrick Drilling Drill Rig CME 75
Driller K&C Logger N. Davis Checked by B. Fudiel
Drilling Method 3.25-in HSA. Backfilled 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.

SOIL BORING HG-12

BORING LOG HG-12 Page 1 of 1

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WEI Job No.: 665-05-03
Client: HNTB Corporation
Project: IL 394 (FAP 94) IDOT D-91-012-01
Location: Sections 25&26, T36N, R14E, Cook Co.

Datum: NGVD
Elevation: 184.27 m
North: 546016.24 m
East: 362698.40 m
Station: 30+450.67
Offset: 41.06 LT

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type	Sample No.	SPT Values (blows/150 mm)	DL (m)	Moisture Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type	Sample No.	N Values (blows/150 mm)	DL (m)	Moisture Content (%)
184.3	Black CLAY LOAM --TOPSOIL--	0						184.3		0					
183.8	Very stiff, brown CLAY to SILTY CLAY	1		1	260	25		183.8		1					
182.8	Stiff, gray CLAY	2		2	287	20		182.8		2					
181.5	Medium dense, brown SILT	3		3	369	24		181.5		3					
181.0	Stiff, gray CLAY	4		4	236	25		181.0		4					
180.0	Soft, gray CLAY	5		5	125	26		180.0		5					
179.5	Stiff to very stiff, gray CLAY	6		6	110	31		179.5		6					
		7		7	165	21				7					
		8		8	204	21				8					
		9		9	204	21				9					
		10		10	212	21				10					

GENERAL NOTES

Begin Drilling 05-02-2002 Complete Drilling 05-02-2002
Drilling Contractor Patrick Drilling Drill Rig CME 75
Driller K&C Logger N. Davis Checked by B. Fudiel
Drilling Method 3.25-in HSA. Backfilled upon completion

WATER LEVEL DATA

While Drilling 8.08 m
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	LAS
CHECKED	DAZ
DRAWN	SAW
CHECKED	DAZ

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 80 (INTERSTATE 80/94)
INTERSTATE 294 TO US ROUTE 41

SOIL BORING LOGS 4

DATE JULY 18, 2005

SCALE

