

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Wang Engineering, Inc.
Consulting Geotechnical and Environmental Engineers
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BORING LOG B-01
WEI Job No.: 486-01-01
Client: **Collins Engineers, Inc.**
Project: **IDOT D-91-122-06; Section 1977-117-N**
Location: **Itasca, DuPage County, Illinois**

Datum: NGVD
Elevation: 716.50 ft
North: 1934035.23 ft
East: 1061753.50 ft
Station: 109+16.10
Offset: 20.03' RT

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
716.3	33-inch thick, brown and black SANDY LOAM --TOPSOIL--	0	1	4 3 5	2.87 B	16	688.5	little gravel	0	11	4 9 11	3.07 S	13
715.9	Black SANDY CLAY --FILL--	1					688.5	Medium dense, gray SAND	1	12	4 6 9	NP	29
713.5	Very stiff, brown and gray CLAY, with little sand and gravel Medium stiff, black and brown CLAY, trace organic matter	5	2	2 2 2	0.50 P	25	685.0	Medium stiff to stiff, gray SANDY CLAY with some gravel	5	3	1 2 3	0.74 B	28
708.8	Medium stiff, black and brown CLAY LOAM with organic matter --LL=56%, PL=33%, Cc=0.391-- --AASHTO A-7-5 (17)--	10	4	P U S H	0.59 S	81	679.5	Very stiff, gray CLAY	10	13	5 6 7	0.82 B	11
706.0	Loose to dense, brown and gray SANDY LOAM, with some gravel and clay interbeds	15	5	3 4 5	NP	11	676.5	Boring terminated at 40.00 ft	15	14	7 8 12	2.87 B	17
698.5	Hard, gray SILTY CLAY LOAM	20	8	6 14 13	4.00 P	20			20				
695.3	Dense, gray SILTY LOAM	25	9	10 18 23	NP	12			25				
693.5	Dense, gray SANDY LOAM												
692.3	Very stiff, gray SILTY CLAY, with	25	10	17 20 24	8.61 S	12							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	06-16-2008	Complete Drilling	06-16-2008	While Drilling	▽	14.00 ft	
Drilling Contractor	K&S Engineering	Drill Rig	Dietrich D50	At Completion of Drilling	▽	CAVE	
Driller	C&R	Logger	R. Edelmann	Checked by	MLS	NA	
Drilling Method	3.25" HSA, Boring backfilled upon completion			Time After Drilling	NA		
				Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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BORING LOG B-02
WEI Job No.: 486-01-01
Client: **Collins Engineers, Inc.**
Project: **IDOT D-91-122-06; Section 1977-117-N**
Location: **Itasca, DuPage County, Illinois**

Datum: NGVD
Elevation: 716.50 ft
North: 1934063.94 ft
East: 1061798.87 ft
Station: 109+50.54
Offset: 21.09' LT

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
715.3	15-inch thick, black GRAVELLY SAND --SHOULDER AGGREGATE-- Stiff, black and brown SANDY CLAY --FILL--	0	1	3 2 3	1.02 B	20	690.0	Medium dense, gray SAND	0	11	5 8 9	NP	20
713.8	Medium stiff to stiff, black and brown CLAY, with little sand and trace organic matter	5	2	P C U C H	0.75 P	35	685.0	Stiff to very stiff, gray SILTY CLAY, with little sand	5	12	0 7 11	NP	21
708.5	Stiff, black and brown CLAY LOAM with organic matter	10	4	2 2 2	1.25 P	92	676.5	Boring terminated at 40.00 ft	10	13	5 6 6	1.31 B	13
706.0	Loose, gray SILTY LOAM	15	5	3 3 5	NP	19			15	14	4 6 9	3.77 B	14
703.0	Loose, fine to medium, black and gray SAND	20	6	3 3 4	NP	31			20				
700.3	Medium dense, brown and gray SILT	25	7	7 6 7	NP	18			25				
698.5	Hard, gray SILTY CLAY, with trace gravel and sand	30	8	5 7 11	6.97 B	13			30				
695.3	Dense, gray SILTY LOAM, with some gravel	35	9	5 14 21	NP	12			35				
693.5	Hard, gray SILTY CLAY to CLAY, with some gravel	40	10	9 12 11	5.53 S	12			40				

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	06-16-2008	Complete Drilling	06-16-2008	While Drilling	▽	14.00 ft	
Drilling Contractor	K&S Engineering	Drill Rig	Dietrich D50	At Completion of Drilling	▽	CAVE	
Driller	C&R	Logger	R. Edelmann	Checked by	MLS	NA	
Drilling Method	3.25" HSA, Boring backfilled upon completion			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 LOGS, B-01 AND B-02

COLLINS ENGINEERS	SHEET NO. S9 OF S9 SHEETS	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		1321	31T-2	DuPAGE	59	41
DESIGNED: LDB	CHECKED: JMH	SN: 022-2005		CONTRACT NO. 60A90		
DATE: 11/25/08	DRAWN: DR	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				