


FOR SIGN STRUCTURE AT STA. 2204+66

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	852E
STA. 2200+00.00 TO STA. 2362+00.00		FED. AID PROJECT		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
(1516.1, 1717 & 1818) R-8		62694		



Wang Engineering, INC.
Consulting Geotechnical and
Environmental Engineers
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1145 Main Street
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BORING LOG SB SGN 05A

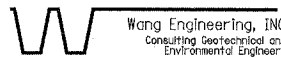
WEI Job No.: 414-07-01

Datum: CCD
Elevation: -1.57 ft
North: 1841830.06 ft
East: 1177820.92 ft
Station: 2204+66
Offset: 10' LT

Client: T. Y. LIN International

Project: Dan Ryan Improvements; IDOT No. D-91-421-01

Location: From 95th Street to South of 69th Street



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BORING LOG 60EF1

WEI Job No.: 414-07-01

Datum: CCD
Elevation: 18.28 ft
North: ft
East: ft
Station: 2205+17
Offset: 120' RT

Client: T. Y. LIN International

Project: Dan Ryan Improvements; IDOT No. D-91-421-01

Location: From 95th Street to South of 69th Street

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blow/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blow/6 in)	Qu (tsf)	Moisture Content (%)
2.3	9-inch thick, ASPHALT --PAVEMENT--								Boring terminated at 25.00 ft						
2.8	6-inch thick, CRUSHED STONE --BASE COURSE--														
	Very stiff to hard, gray gravelly SILTY CLAY, with silt interbeds	1		10 7 8	4.50 P										
		2		8 9 10	2.13 S										
		3		11 7 10	4.59 S										
-11.3	Medium dense, gray SILT	4		8 7 16	2.87 B										
-13.1	Hard, gray gravelly SILTY CLAY	5		7 14 14	NP										
		6		3 10 11	4.50 P										
		7		4 10 15	4.10 B										
		8		7 15 20	6.15 B										
-23.1	Very dense, gray SILT	9		10 31 42	NP										
-25.6	Hard, gray SILTY CLAY	10		9 18 25	4.50 P										
-26.6	Dense, gray SILT	25													

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blow/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blow/6 in)	Qu (tsf)	Moisture Content (%)
17.5	3-inch thick, ASPHALT over 7-inch thick, CONCRETE --PAVEMENT--														
	2-inch thick, CRUSHED STONE --BASE COURSE--														
	Stiff, black, brown, and gray SILTY CLAY, with asphalt cobbles	1		2 3 4	1.97 B										
		2		3 4 29	NP										
	Medium stiff to stiff, brown and gray SILTY CLAY	3		1 0 4	0.98 B										
		4		1 1 2	1.39 B										
-7.8	Soft, brown and gray CLAY	5		1 0 0	0.41 B										
		6		1 0 1	0.25 B										
		7		1 1 2	1.07 B										
		8		3 4 4	2.46 B										
		9		4 6 8	4.59 B										
		10		6 7 10	6.97 B										
	Stiff to hard, gray SILTY CLAY														
-18.7	Medium dense to dense, gray SILT														
-25.7	Hard, gray SILTY CLAY LOAM														
-26.7															
	Boring terminated at 45.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	04-05-2005	Complete Drilling	04-06-2005	While Drilling	▽	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▽	DRY	
Driller	J&L	Logger	H. Suhail	Time After Drilling	NA		
Checked by	N. Davis	Depth to Water	▽	NA			
Drilling Method	3.25" ID. HSA; Boring backfilled with bentonite upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-23-2004	Complete Drilling	08-23-2004	While Drilling	▽	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▽	DRY	
Driller	J&L	Logger	J. Kasnick	Time After Drilling	NA		
Checked by	N. Davis	Depth to Water	▽	NA			
Drilling Method	3.25" ID. HSA; Boring backfilled with bentonite upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

LEGEND

NP	NON-PLASTIC
B	BULGE FAILURE
S	SHEAR FAILURE
P	POCKET PENETROMETER

TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE
REVISION	05/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)

SOIL BORINGS FOR SIGN STRUCTURE
AT STA. 2204+66

S.N. DESIGNED BY: DJR
SCALE: N.T.S. DRAWN BY: DJR
DATE: MARCH 18, 2005 CHECKED BY: JPM

SHEET OF
05/05/2005 08:06:05 AM