

FOR SIGN STRUCTURE AT STA. 2006+00

Wang Engineering, INC.
Consulting Geotechnical and Environmental Engineers
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BORING LOG SB SGN 04A
WEI Job No.: 414-07-01
Datum: CCD
Elevation: 2.44 ft
North: 1180273.73 ft
East: 1180273.73 ft
Station: 2006+00
Offset: 36' 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

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
22.6	Very stiff to hard gray, gravelly SILTY			1	136	3.20	18		Boring terminated at 25.00 ft						
		5		2	446	3.53	18			30					
		10		3	247	3.85	18			35					
		15		4	357	2.71	16			40					
		20		5	5112	2.19	12			45					
		25		6	468	4.51	13			50					
				7	3611	5.58	9								
				8	41014	8.94	11								
				9	61225	5.90	11								
				10	62326	4.50	9								

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	04-07-2005	Complete Drilling	04-08-2005	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		
Drilling Method	3.25" ID. HSA; Boring backfilled with bentonite upon completion			Depth to Water	∇	NA	
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

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BORING LOG SB SGN 04B
WEI Job No.: 414-07-01
Datum: CCD
Elevation: 1.69 ft
North: 1839027.97 ft
East: 1180259.83 ft
Station: 2006+00
Offset: 30' 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 recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
1.0	8-inch thick Black CLAY LOAM --TOPSOIL--			1	111312	5.41	B		Boring terminated at 25.00 ft						
	Hard, brown and gray CLAY --FILL--			2	7910	5.33	B			30					
1.3	Hard, gray SILTY CLAY			3	61111	7.30	B			35					
		10		4	61012	4.92	B			40					
		15		5	5109	7.05	B			45					
		20		6	6811	5.17	B			50					
15.8	Dense, gray SILT with sand			7	81817	NP									
16.3	Hard, gray SILTY CLAY with silt interbeds			8	81825	9.84	S								
		25		9	81623	4.92	S								
				10	224553	4.50	P								

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

REVISIONS	
NAME	DATE
ADDENDUM 1	05/27/05
REVISED	05/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
SOIL BORINGS FOR SIGN STRUCTURE AT STA. 2006+00

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	8520
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
(1516.1, 1717 & 1818) R-8		62694		

SHEET OF