


Wang Engineering, Inc.
Consulting Geotechnical and Environmental Engineers
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1145 Main Street
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Telephone: 630 953-9928
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BORING LOG JP-44

WEI Job No.: 414-07-01

Client: T. Y. LIN International
Project: Dan Ryan Improvements; IDOT No. D-91-421-01
Location: From 95th Street to South of 69th Street

Datum: CCD
Elevation: -3.44 ft
North: 1839280.85 ft
East: 1178799.30 ft
Station: 242+84.21
Offset: 1578.91 RT



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BORING LOG JP-45

WEI Job No.: 414-07-01

Client: T. Y. LIN International
Project: Dan Ryan Improvements; IDOT No. D-91-421-01
Location: From 95th Street to South of 69th Street

Datum: CCD
Elevation: -1.85 ft
North: 1839237.70 ft
East: 1178793.78 ft
Station: 242+63.19
Offset: 1599.63 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
-4.9	18-inch thick, black LOAM --TOPSOIL--						-28.9	CLAY, with interbeds of silt Very dense, gray SILTY LOAM					
	Stiff to hard, brown and gray, gravelly CLAY to CLAY LOAM	1	9 7 10	1.00 P	12				11	25 32 39	NP	9	
		2	3 6 7	1.64 S	16				12	18 36 32	NP	9	
		3	2 5 6	4.20 P	14								
		4	2 4 6	3.53 S	14								
		5	2 7 9	3.12 S	11								
		6	5 8 8	3.03 B	15								
		7	7 15 20	3.00 P	11								
		8	6 16 20	NP	11								
		9	16 19 21	3.00 P	10								
		10	11 20 21	NP	10								
		25											

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	7-inch thick ASPHALT --PAVEMENT--							Very dense, fine black SAND Very dense, gray SILT					
	4-inch thick CONCRETE --PAVEMENT--												
	Loose, coarse SANDY GRAVEL --BASE COURSE--												
	Very stiff, brown CLAY												
	Loose to medium dense, gray SILT												
		1	8 4 4	3.25 P	17				11	27 30 50/4	NP	19	
		2	4 6 6	NP	17				12	26 44 47	NP	9	
		3	3 3 4	2.21 B	14								
		4	2 4 5	3.44 B	14								
		5	5 10 12	4.10 B	10								
		6	7 12 14	7.46 S	11								
		7	3 8 9	3.85 S	12								
		8	10 22 26	7.46 S	10								
		9	17 26 31	8.20 S	8								
		10	15 26 31	9.10 S	10								
		13	26 24 28 50	4.76 B									

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	05-06-2003	Complete Drilling	05-06-2003	White Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	K&J	Logger	J. Kasnick	Time After Drilling	NA		
Drilling Method	3.25" ID. HSA; Boring backfilled with bentonite upon completion			Depth to Water	∇	NA	

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	05-28-2003	Complete Drilling	05-28-2003	White Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	K&J	Logger	S. Patel	Time After Drilling	NA		
Drilling Method	3.25" ID. HSA; Boring backfilled with bentonite upon completion			Depth to Water	∇	NA	

LEGEND

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

FOR INFORMATION ONLY, CONTRACTOR SHALL FIELD VERIFY SOIL DATA

REVISIONS	
NAME	DATE

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

**BORING LOGS JP-44 & JP-45
FOR STRUCTURE #72**

S.N.	DESIGNED BY: DJR
SCALE: N.T.S.	DRAWN BY: DJR
DATE: OCTOBER 4, 2004	CHECKED BY: TD

TYLIN INTERNATIONAL