

Wang Engineering, Inc.
 Consulting Geotechnical and Environmental Engineers
 wangeng3@wangeng.com
 1145 Main Street
 Lombard, IL 60148
 Telephone: 630 953-9928
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BORING LOG SB 02-23
 WEI Job No.: 414-07-01
 Datum: CCD
 Elevation: 17.83 ft
 North: 1842937.54 ft
 East: 1177929.69 ft
 Station: 2215+66.9
 Offset: 135.180' 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

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BORING LOG SB 02-24
 WEI Job No.: 414-07-01
 Datum: CCD
 Elevation: 17.86 ft
 North: 1842860.44 ft
 East: 1177931.48 ft
 Station: 2214+89.8
 Offset: 134.761' 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

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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.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
17.4	2-inch thick, ASPHALT --PAVEMENT--	0					17.4		0				
16.6	6-inch thick, CONCRETE --PAVEMENT--	0	1	4			16.6	Very stiff to hard, gray SILTY CLAY, with gravel	0	11	4	4.59	21
16.4	7-inch thick, CRUSHED STONE --BASE COURSE--	0	5						1	12	4	4.35	13
14.1	Medium dense, brown medium SAND --FILL--	5	2	1	0.50		30		2	12	4	4.35	13
	Medium stiff to very stiff, brown and gray CLAY --FILL--	5	1	2					3	3	2		
		5	2	2					4	4	5		
		5	3	2					5	5	7		
		5	4	0					6	6	15		
		5	5	1					7	7	0		
		5	6	0					8	8	3		
		5	7	0					9	9	4		
		5	8	3					10	10	4		
		5	9	7					11	11	3		
		5	10	11					12	12	39		
		5							13	13	17		
		5							14	14	50		
		5							15	15			
		5							16	16			
		5							17	17			
		5							18	18			
		5							19	19			
		5							20	20			
		5							21	21			
		5							22	22			
		5							23	23			
		5							24	24			
		5							25	25			
		5							26	26			

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.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
17.4	2-inch thick, ASPHALT --PAVEMENT--	0					17.4		0				
16.4	10-inch thick, CONCRETE --PAVEMENT--	0	1	4			16.4	Very stiff to hard, gray SILTY CLAY, with gravel	0	11	4	4.59	21
16.4	6-inch thick, CRUSHED STONE --BASE COURSE--	0	4						1	12	4	4.35	13
14.1	Medium dense, brown medium SAND --FILL--	5	2	1	0.50		30		2	12	4	4.35	13
	Medium stiff to very stiff, brown and gray CLAY --FILL--	5	1	2					3	3	2		
		5	2	2					4	4	5		
		5	3	2					5	5	7		
		5	4	0					6	6	15		
		5	5	1					7	7	0		
		5	6	0					8	8	3		
		5	7	1					9	9	4		
		5	8	7					10	10	3		
		5	9	11					11	11	5		
		5	10	15					12	12	7		
		5							13	13	5		
		5							14	14	7		
		5							15	15	21		
		5							16	16	13		
		5							17	17	21		
		5							18	18	24		
		5							19	19	26		
		5							20	20			
		5							21	21			
		5							22	22			
		5							23	23			
		5							24	24			
		5							25	25			
		5							26	26			

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-08-2004	Complete Drilling	01-08-2004	While Drilling	▽	25.50 ft	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▽	DRY	
Driller	T&B	Logger	H. Suhail	Time After Drilling	NA		
Checked by	N. Davis	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.							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-23-2004	Complete Drilling	01-23-2004	While Drilling	▽	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▽	DRY	
Driller	J&B	Logger	H. Suhail	Time After Drilling	NA		
Checked by	N. Davis	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

SHEET 15 OF 18
 ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
RETAINING WALL ALONG STATE ST.
ENTRANCE RAMP FROM 95TH ST. TO 93RD ST.
WALL 2A
BORING LOGS SB02-23 & SB02-24
 S.N. 016-W944
 SCALE: N.T.S.
 DATE: MARCH 18, 2005

DESIGNED BY: DJR
 DRAWN BY: DJR
 CHECKED BY: TD

03/25/2005 11:07:57 AM
 D:\02373\STRUCTURE\WALL 02\ASB\CAD\B0534.W944.dwg