F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	860	513
STA. 2200+00.00	TO STA. 2362+00.00			
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 A1-01

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: 8.40 ft
North: ft
East: ft
Station: 2249+00.82
Offset: 126.91' RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	7.4	3-inch thick ASPHALT over 9-inch thick CONCRETE						
	7.2	--PAVEMENT--						
		3-inch thick CRUSHED STONE			1	5 4 3	NP	17
		--BASE COURSE--						
	5.4	Loose, brown Loam						
		--FILL--			2	4 2 2	1.50 P	25
	3.4	Stiff, black and brown CLAY --FILL--	5					
		Medium stiff, brown and gray CLAY			3	3 3 3	0.50 P	21
			10		4	3 3 5	0.90 B	20
	3.1	Stiff, gray CLAY			5	3 4 5	1.89 B	19
	5.6	Hard, gray SILTY CLAY	15		6	4 11 11	4.50 P	18
					7	5 12 12	6.15 S	11
			20		8	7 12 15	8.77 S	11
					9	7 11 13	7.63 B	11
			25		10	7 13 15	8.12 S	12

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
			30		11	9 16 20	4.35 S	12
					12	20 27 31	12.38 S	10
	25.1	--AUGER REFUSAL-- Boring terminated at 33.50 ft	35		13	50/0		
			40					
			45					
			50					

GENERAL NOTES

Begin Drilling 04-13-2004 Complete Drilling 04-13-2004
Drilling Contractor Patrick Drill Rig CME 75 TMR
Driller J&L Logger S. Janowski Checked by MLS
Drilling Method 3.25" ID. HSA; Boring backfilled with bentonite upon completion

WATER LEVEL DATA

While Drilling ▽ DRY
At Completion of Drilling ▼ DRY
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 SB A1-02

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: 8.40 ft
North: ft
East: ft
Station: 2248+25.82
Offset: 126.91' RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	7.4	3-inch thick ASPHALT over 8-inch thick CONCRETE						
	7.2	--PAVEMENT--						
		3-inch thick CRUSHED STONE			1	3 8 6	NP	
		--BASE COURSE--						
		Loose, brown LOAM						
		--FILL--			2	4 3 3	NP	18
	3.9	Very soft, brown and gray CLAY with Trace Organics	5					
					3	2 2 3	0.16 B	26
	0.4	Medium stiff to stiff, gray CLAY						
			10		4	2 4 4	0.98 B	22
					5	2 4 5	1.72 B	19
	5.6	Hard, gray SILTY CLAY	15		6	2 10 13	5.17 B	17
	7.1	Medium dense, gray SILT						
	8.6	Hard, gray SILTY CLAY			7	8 12 17	NP	19
			20		8	6 12 11	7.46 S	13
					9	8 16 20	5.99 B	11
			25		10	10 14 18	6.15 S	11

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
			30		11	10 13 14	6.81 B	10
					12	14 20 35	9.43 S	10
	25.4	--AUGER REFUSAL-- Boring terminated at 33.75 ft	35		13	50/3		
			40					
			45					
			50					

GENERAL NOTES

Begin Drilling 04-13-2004 Complete Drilling 04-13-2004
Drilling Contractor Patrick Drill Rig CME 75 TMR
Driller J&L Logger S. Janowski Checked by MLS
Drilling Method 3.25" ID. HSA; Boring backfilled with bentonite upon completion

WATER LEVEL DATA

While Drilling ▽ 17.75 ft
At Completion of Drilling ▼ DRY
Time After Drilling NA
Depth to Water ▽ NA

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

REVISIONS NAME	DATE

TY LIN INTERNATIONAL

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
RETAINING WALL ALONG STATE ST.
EXIT RAMP AT AIS #1
AIS 1
BORING LOGS SB A1-01 & SB A1-02

S.N. 016-W954 DESIGNED BY: DJR
SCALE: N.T.S. DRAWN BY: DJR
DATE: MARCH 18, 2005 CHECKED BY: TD

WANGENG 414B701.GPJ WANGENG.GDT 4/22/04
03/29/2005 11:08:44 AM
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