F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	907	634
STA. 1200+00.00		TO STA. 1365+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• (1516.1, 1717 & 1818) R-9

62695

Wang Engineering, INC.
Consulting Geotechnical and Environmental Engineers
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1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
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BORING LOG SB 73-17

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 69th Street

Datum: CCD
Elevation: 6.27 ft
North: 1854133.00 ft
East: 1177186.00 ft
Station: 1327+67
Offset: 170' LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
6.0	3-inch thick ASPHALT --PAVEMENT--					
4.9	14-inch thick CONCRETE --PAVEMENT--		1	3 5 5	NP	59
3.8	Black CLAY, trace organics					
	Medium dense, brown SAND					
2.3	Stiff to very stiff, gray CLAY	5	2	10 3 6	1.48 B	20
			3	4 4 6	1.80 B	20
		10	4	3 4 6	1.56 B	19
			5	9 10 18	--	17
		15	6	6 8 10	2.50 P	15
			7	7 12 22	2.75 P	16
-12.2	Very stiff to hard, gray gravelly SILTY CLAY	20	8	8 12 18	2.50 P	8
			9	8 10 12	6.72 B	12
		25	10	10 10 12	6.81 B	13
		30	11	8 10 16	4.76 B	14
			12	10 18 21	6.56 B	15
		35	13	10 12 18	4.10 B	14
		40	14	10 20 30	> 4.50 P	11
-38.7	Boring terminated at 45.00 ft	45	15	24 30 40	> 4.50 P	11
		50				

GENERAL NOTES

Begin Drilling: 12-27-2004 Complete Drilling: 12-27-2004
Drilling Contractor: DLZ Drilling Drill Rig: D-120 TMR
Driller: E&R Logger: BP 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 73-18

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 69th Street

Datum: CCD
Elevation: 6.11 ft
North: 1854195.00 ft
East: 1177181.00 ft
Station: 1328+29
Offset: 172' LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
6.0	3-inch thick ASPHALT --PAVEMENT--					
4.7	14-inch thick Concrete --PAVEMENT--		1	11 6 5	NP	25
	Medium dense, gray SAND					
3.1	Stiff to very stiff, gray CLAY	5	2	11 6 5	1.10 B	21
			3	13 7 9	1.90 B	18
		10	4	14 8 9	2.20 B	17
			5	8 7 11	2.90 B	17
		15	6	9 10 13	3.00 B	17
-9.4	Hard, gray SILTY CLAY		7	8 11 15	5.70 B	14
		20	8	6 18 21	6.60 B	14
			9	16 17 19	6.50 B	13
-18.9		25	10	17 19 23	4.90 S	13
	Boring terminated at 25.00 ft	30				
		35				
		40				
		45				
		50				

GENERAL NOTES

Begin Drilling: 01-10-2005 Complete Drilling: 01-10-2005
Drilling Contractor: DLZ Drilling Drill Rig: Diedrich D-120 TMR
Driller: E&R Logger: BP 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.

SHEET 24 OF 25

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
RETAINING WALL ALONG LAFAYETTE AVE.
77TH PL. TO 78TH ST.
WALL 73B
BORING LOGS SB73-17 & SB73-18

S.N. 016-W973 DESIGNED BY: DJR
SCALE: N.T.S. DRAWN BY: DJR
DATE: MARCH 25, 2005 CHECKED BY: TD

TY·LIN INTERNATIONAL

p:\0237_Structure\CT\DWall\73b\sb73b\sb73a_wsr.3.dgn 03/29/2005 04:32:38 PM
WANGENGINC 414070LGPJ WANGENGINC.GDT 1/25/05