| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 94 | • | COOK | 860 | 517 |
| STA. 2200+00.00 | | TO STA. 2362+00.00 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

• (1516.I, 1717 & 1818) R-8

62694


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# BORING LOG SB A1-09



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: 8.49 ft
North: 1845631.65 ft
East: 1177844.90 ft
Station: 2242+62
Offset: 128.0' RT

| Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) |
|---|---|---|
| | 18-Inch thick brown SILTY LOAM --TOPSOIL-- | |
| 7.0 | Stiff, brown and gray CLAY to SILTY CLAY --FILL-- | 5 |
| 3.0 | Medium stiff, brown and gray CLAY | 10 |
| -4.5 | Hard, gray CLAY | 15 |
| -6.0 | Medium dense to dense, gray SILTY LOAM | 20 |
| -11.7 | Medium dense, gray SAND | |
| -12.1 | Medium dense to very dense, gray SILTY LOAM | 25 |
| -27.5 | Gray, finely crystalline, medium bedded, moderately weathered, strong DOLOSTONE --BEDROCK-- | 30 |
| -28.5 | RUN 1: 36'-37' REC=50% | 35 |
| | Boring terminated at 37.00 ft | 40 |
| | | 45 |
| | | 50 |

| Sample No. | SPT Values (blw/6 in) | Qu (tsf) | Moisture Content (%) |
|---|---|---|---|
| 1 | 1 2 2 | 1.25 P | 17 |
| 2 | 1 2 4 | 1.07 B | 31 |
| 3 | 1 2 4 | 0.74 B | 23 |
| 4 | 0 2 4 | 0.98 B | 24 |
| 5 | 1 2 5 | 0.98 B | 19 |
| 6 | 2 5 14 | NP | 17 |
| 7 | 5 12 20 | NP | 17 |
| 8 | 6 8 10 | NP | 12 |
| 9 | 5 9 13 | NP | 15 |
| 10 | 6 12 13 | NP | 12 |
| 11 | 8 18 27 | NP | 10 |
| 12 | 33 42 ~~50/3~~ | NP | 8 |
| 13 | 48 ~~50/3~~ | NP | 3 |
| 14 | CORE | | |

## GENERAL NOTES

Begin Drilling: 03-09-2004 Complete Drilling: 03-09-2004
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: T&B Logger: H. Suhail Checked by: N. Davis
Drilling Method: 3.25" ID HSA; Boring backfilled with bentonite upon completion

## WATER LEVEL DATA

While Drilling: 20.50 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.

WANGENGINC 414\01.GPJ WANGENG.GDT 10/5/04

SHEET 20 OF 20

| REVISIONS | |
|---|---|
| NAME | DATE |

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
RETAINING WALL ALONG STATE ST.
EXIT RAMP AT AIS #1
AIS 1
BORING LOG SB A1-09

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

T·Y·LIN INTERNATIONAL

03/25/2005 11:08:46 AM