

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 RB-11 Page 1 of 1

WEI Job No.: 414-07-01

Datum: CCD
 Elevation: 16.25 ft
 North: 1839564.76 ft
 East: 1178677.89 ft
 Station: 8760+06
 Offset: 14' LT

Client: T. Y. LIN International
 Project: Dan Ryan Improvements - Contract 17A
 Location: Halsted Street to 71st Street

| Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample No. | SPT Values (blows/in) | Qu (tsf) | Moisture Content (%) | Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample No. | N Values (blows/in) | Qu (tsf) | Moisture Content (%) |
|------------------------|--|------------|------------|-----------------------|----------|----------------------|------------------------|---------------------------|------------|------------|---------------------|----------|----------------------|
| 15.6 | 8-inch thick, CONCRETE --PAVEMENT-- | | | | | | | | | | | | |
| 15.0 | 7-inch thick, CRUSHED STONE --BASE COURSE-- | | | | | | | | | | | | |
| | Medium stiff to stiff, gray CLAY | 1 | 1 | 1 | 1.80 | 20 | | | | | | | |
| | | 2 | 2 | 1 | 1.07 | 23 | | | | | | | |
| | | 3 | 3 | 1 | 1.89 | 23 | | | | | | | |
| | | 4 | 4 | 1 | 0.74 | 19 | | | | | | | |
| | | 5 | 5 | 1 | 0.57 | 20 | | | | | | | |
| 5.2 | Boring terminated at 11.00 ft | | | | | | | | | | | | |

| GENERAL NOTES | | | | WATER LEVEL DATA | | | |
|---------------------|------------------|-------------------|--|---|----|-----|--|
| Begin Drilling | 09-10-2004 | Complete Drilling | 09-10-2004 | While Drilling | ▽ | DRY | |
| Drilling Contractor | Patrick Drilling | Drill Rig | CME 75 TMR | At Completion of Drilling | ▽ | DRY | |
| Driller | J&L | 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. | | | |

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BORING LOG RB-12 Page 1 of 1

WEI Job No.: 414-07-01

Datum: CCD
 Elevation: 7.25 ft
 North: 1839753.08 ft
 East: 1178430.50 ft
 Station: 8763+17
 Offset: 23' RT

Client: T. Y. LIN International
 Project: Dan Ryan Improvements - Contract 17A
 Location: Halsted Street to 71st Street

| Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample No. | SPT Values (blows/in) | Qu (tsf) | Moisture Content (%) | Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample No. | N Values (blows/in) | Qu (tsf) | Moisture Content (%) |
|------------------------|---|------------|------------|-----------------------|----------|----------------------|------------------------|---------------------------|------------|------------|---------------------|----------|----------------------|
| 2.7 | 1-inch thick, black LOAM --TOPSOIL-- | | | | | | | | | | | | |
| | Stiff to hard, gray CLAY | 1 | 1 | 2 | 4.00 | 17 | | | | | | | |
| | --A-6 (6)-- --LL=30%, PL=17%-- | 2 | 2 | 4 | 1.89 | 17 | | | | | | | |
| | | 3 | 3 | 2 | 1.31 | 18 | | | | | | | |
| | | 4 | 4 | 3 | 1.64 | 21 | | | | | | | |
| | | 5 | 5 | 2 | 1.72 | 22 | | | | | | | |
| | Boring terminated at 10.00 ft | | | | | | | | | | | | |

| GENERAL NOTES | | | | WATER LEVEL DATA | | | |
|---------------------|------------------|-------------------|--|---|----|-----|--|
| Begin Drilling | 09-01-2004 | Complete Drilling | 09-01-2004 | While Drilling | ▽ | DRY | |
| Drilling Contractor | Patrick Drilling | Drill Rig | CME 75 TMR | At Completion of Drilling | ▽ | DRY | |
| Driller | J&L | 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. | | | |

LEGEND

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

TYLIN INTERNATIONAL

| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 SOIL BORINGS RB-11 & RB-12

S.N. _____ DESIGNED BY: DJR
 SCALE: N.T.S. DRAWN BY: DJR
 DATE: MARCH 18, 2005 CHECKED BY: JPM

03/25/2005 02:25:44 PM