

Wang Engineering, Inc.
 Consulting Geotechnical and Environmental Engineers
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 Lombard, IL 60148
 Telephone: 630 953-9928
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BORING LOG SB 05-01 Page 1 of 1

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: 7.90 ft
 North: 1847192.63 ft
 East: 1177788.10 ft
 Station: 2258+24
 Offset: 115.0' RT

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BORING LOG SB 05-02 Page 1 of 1

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: 7.38 ft
 North: 1847118.32 ft
 East: 1177790.71 ft
 Station: 2257+50
 Offset: 116.0' RT

| 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 (%) | |
|------------------------|--|------------|------------|-------------------------|----------|----------------------|------------------------|---|------------|------------|-----------------------|----------|----------------------|------|
| 8.4 | 2-inch thick ASPHALT over 9-inch thick CONCRETE | 0 | | | | | 8.4 | | 0 | | | | | |
| 7.0 | 3-inch thick CRUSHED STONE | 1 | 15 | 7 | NP | 3 | 7.0 | | 1 | 4 | 8 | 11 | 4.50 | |
| 5.0 | Loose to medium dense, brown SAND | 2 | 6 | 2 | NP | 2 | 5.0 | Very dense, gray gravelly SILTY LOAM | 2 | 12 | 14 | 27 | 33 | NP |
| 1.4 | Medium stiff to very stiff, gray CLAY | 3 | 5 | 2 | NP | 3 | 1.4 | Very stiff, gray gravelly SILTY CLAY LOAM | 3 | 13 | 6 | 8 | 13 | 2.05 |
| 10 | | 4 | 4 | 2 | 0.74 B | 20 | 10 | | 4 | 13 | 6 | 8 | 13 | 2.05 |
| 15 | | 5 | 2 | 2 | 2.05 B | 20 | 15 | | 5 | 14 | 50/2 | NP | | |
| 7.6 | Very stiff to hard, gray SILTY CLAY to SILTY CLAY LOAM | 7 | 5 | 9 | 4.50 P | 14 | 7.6 | | 7 | | | | | |
| 20 | | 8 | 4 | 5 | 2.30 S | 14 | 20 | | 8 | | | | | |
| 25 | | 9 | 4 | 6 | 4.10 S | 13 | 25 | | 9 | | | | | |
| | | 10 | 5 | 7 | 4.10 S | 12 | | | 10 | | | | | |

| 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 (%) |
|------------------------|---|------------|------------|-------------------------|----------|----------------------|------------------------|--------------------------------------|------------|------------|-----------------------|----------|----------------------|
| 6.6 | 2-inch thick ASPHALT over 8-inch thick CONCRETE | 0 | | | | | 6.6 | | 0 | | | | |
| 6.6 | Loose to medium dense, brown SAND | 1 | 7 | 6 | NP | 6 | 6.6 | | 1 | 4 | 7 | 9 | 4.10 |
| 5 | | 2 | 7 | 3 | NP | 4 | 5 | Very dense, gray gravelly SILTY LOAM | 2 | 12 | 4 | 16 | 23 |
| 1.1 | Stiff, gray CLAY to SILTY CLAY | 3 | 3 | 1 | 1.23 B | 19 | 1.1 | Very dense, gray gravelly SILTY LOAM | 3 | 13 | 9 | 20 | 30 |
| 10 | | 4 | 5 | 3 | 1.80 B | 19 | 10 | | 4 | | | | |
| 15 | | 5 | 3 | 3 | 1.89 B | 17 | 15 | | 5 | | | | |
| 6.4 | Very stiff to hard, gray gravelly SILTY CLAY to SILTY CLAY LOAM | 6 | 9 | 9 | 4.50 P | 12 | 6.4 | | 6 | | | | |
| 20 | | 8 | 4 | 5 | 2.54 S | 13 | 20 | | 8 | | | | |
| 25 | | 9 | 4 | 7 | 3.69 S | 13 | 25 | | 9 | | | | |
| | | 10 | 7 | 13 | 4.10 S | 11 | | | 10 | | | | |

| GENERAL NOTES | | | | WATER LEVEL DATA | | | |
|---|--|-------------------|------------|---------------------------|----|-----|--|
| Begin Drilling | 02-23-2004 | Complete Drilling | 02-23-2004 | While Drilling | ∇ | DRY | |
| Drilling Contractor | Patrick Drilling | Drill Rig | CME 75 TMR | At Completion of Drilling | ∇ | DRY | |
| Driller | J&L | Logger | N. Davis | Time After Drilling | NA | | |
| 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 | | | |
|---|--|-------------------|------------|---------------------------|----|-----|--|
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| Drilling Method | 3.25" ID HSA; Boring backfilled with bentonite upon completion | | | Depth to Water | ∇ | NA | |
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| REVISIONS | |
|-----------|------|
| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 RETAINING WALL ALONG STATE ST.
 EXIT RAMP TO 8TH ST.
 WALL 5
 BORING LOGS SB05-01 & SB05-02
 S.N. 016-W955
 SCALE: N.T.S.
 DATE: MARCH 18, 2005

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

R:\2003\Structur\Civil\Wall 05\SB05-01.dwg 11/28/05 AM