

Wang Engineering, INC.
 Consulting Geotechnical and Environmental Engineers
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BORING LOG 6AGH4
 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: 26.40 ft
 North: ft
 East: ft
 Station: 244+51
 Offset: 8' RT

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BORING LOG 6MAB3
 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: 9.34 ft
 North: ft
 East: ft
 Station: 2040+44
 Offset: 39' LT

| Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample Type | Sample No. | SPT Values (blw/6 in) | Qu (tsf) | Moisture Content (%) | Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample Type | Sample No. | N Values (blw/6 in) | Qu (tsf) | Moisture Content (%) |
|------------------------|--|------------|-------------|------------|-----------------------|----------|----------------------|------------------------|---------------------------|------------|-------------|------------|---------------------|----------|----------------------|
| 22.7 | Hard, brown SILTY CLAY --FILL-- | 0 | | 1 | 5 6 6 | 4.02 S | 15 | 22.7 | | 0 | | 11 | 6 13 16 | 2.05 S | 12 |
| 22.7 | Medium stiff to very stiff, gray CLAY | 5 | | 2 | 5 4 5 | 2.46 B | 17 | 30 | | 30 | | 12 | 4 8 10 | 5.17 B | 11 |
| | | 10 | | 3 | 2 2 2 | 1.39 B | 19 | | | 35 | | 13 | 6 11 13 | 6.07 B | 14 |
| | | 15 | | 4 | 1 2 2 | 0.98 B | 50 | | | | | | | | |
| 15.4 | Very stiff to hard, gray gravelly SILTY CLAY | 20 | | 5 | 1 2 3 | 2.21 B | 1 | | | | | | | | |
| | | 25 | | 6 | 3 4 4 | 3.28 B | 7 | | | | | | | | |
| | | 30 | | 7 | 3 4 4 | 4.26 B | 11 | | | | | | | | |
| | | 35 | | 8 | 3 5 8 | 4.67 B | 13 | | | | | | | | |
| | | 40 | | 9 | 3 5 7 | 3.77 B | 15 | | | | | | | | |
| | | 45 | | 10 | 6 3 6 | 4.35 B | 12 | | | | | | | | |

| Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample Type | Sample No. | SPT Values (blw/6 in) | Qu (tsf) | Moisture Content (%) | Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample Type | Sample No. | N Values (blw/6 in) | Qu (tsf) | Moisture Content (%) |
|------------------------|---|------------|-------------|------------|-----------------------|----------|----------------------|------------------------|---------------------------|------------|-------------|------------|---------------------|----------|----------------------|
| 10.0 | 18-inch thick, GRAVEL --FILL-- | 0 | | 1 | 5 2 2 | 4.50 P | 17 | 10.0 | | 0 | | 11 | 5 8 11 | 5.49 S | 14 |
| 7.1 | Hard, black and brown SILTY CLAY --FILL-- | 5 | | 2 | 5 5 6 | 4.18 B | 18 | 30 | | 30 | | 12 | 8 13 16 | 6.31 B | 13 |
| | Medium stiff to hard, brown and gray CLAY | 10 | | 3 | 3 2 2 | 1.56 B | 18 | | | 35 | | 13 | 8 18 21 | 6.64 S | 14 |
| | | 15 | | 4 | 1 1 2 | 0.98 B | 20 | | | | | | | | |
| 1.2 | Very soft, gray CLAY | 20 | | 5 | 0 0 0 | 0.16 B | 22 | | | | | | | | |
| | | 25 | | 6 | 6 8 10 | NP | 16 | | | | | | | | |
| 4.5 | Medium dense, gray medium SAND | 30 | | 7 | 5 11 14 | 4.76 S | 12 | | | | | | | | |
| 7.0 | Hard, gray gravelly SILTY CLAY | 35 | | 8 | 3 8 11 | 7.13 B | 13 | | | | | | | | |
| | | 40 | | 9 | 3 6 8 | 5.33 B | 16 | | | | | | | | |
| | | 45 | | 10 | 4 8 10 | 5.74 B | 14 | | | | | | | | |

| | | | | | | | |
|----------------------|---|-------------------|------------|---------------------------|----|-----|--|
| GENERAL NOTES | | | | WATER LEVEL DATA | | | |
| Begin Drilling | 08-24-2004 | Complete Drilling | 08-24-2004 | 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 | |

| | | | | | | | |
|----------------------|---|-------------------|------------|---------------------------|----|-----|--|
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| Begin Drilling | 08-24-2004 | Complete Drilling | 08-24-2004 | 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 | |

LEGEND

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

TYLIN INTERNATIONAL

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
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| | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 31st STREET to I-57
 BORING LOGS FOR HMLT'S
 6 AGH4 & 6 MAB3

S.N. DESIGNED BY: DJR
 SCALE: N.T.S. DRAWN BY: DJR
 DATE: OCTOBER 29, 2004 CHECKED BY: TD

10/15/2004 12:50:35 PM