

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

| ROUTE NO.             | SECTION    | COUNTY   | TOTAL SHEETS      | SHEET NO. |
|-----------------------|------------|----------|-------------------|-----------|
| F.A.P. 351            | 2008-001VB | COOK     | 579               | 381       |
| FED. ROAD DIST. NO. 7 |            | ILLINOIS | FED. AID PROJECT- |           |

CONTRACT NO. 60E10

SHEET NO. 33  
37 SHEETS

**BORING W-2**

Everest Engineering Company  
STRUCTURE BORING LOG  
Page 1 of 1  
Date 6/20/01

ROUTE U.S. 6 DESCRIPTION U.S. ROUTE 6 FROM I-294 TO ILLINOIS ROUTE 1  
SECT. \_\_\_\_\_ STRUCT. NO. 016-2755 DRILLED BY PATRICK DRILLING  
COUNTY COOK LOCATION NE CORNER, BEHIND N. ABUT. S. 17, TWP. 36 N, RNG. 12 E

Boring No. W-2 Surface Water Elev. NA  
Station 92+68.37 Groundwater Elev.: \_\_\_\_\_  
Offset 105.00ft LT when drilling 604.5  
at Completion 588.0  
after 48 Hrs. 599.0

| Depth (ft) | D | B    | Qu  | W  | Surface Water Elev. | D | B      | Qu  | W  |
|------------|---|------|-----|----|---------------------|---|--------|-----|----|
|            | H | S    | tsf | %  |                     | H | S      | tsf | %  |
| 617.00     |   |      |     |    |                     |   |        |     |    |
|            |   | 4    | 1.2 | 13 |                     |   | 21     | 2.2 | 11 |
|            |   | 5    | S   |    |                     |   | 49     | S   |    |
|            |   | 7    |     |    |                     |   | 505"   |     |    |
|            |   | 7    | 1.2 | 13 |                     |   | 24     | 1.3 | 13 |
|            |   | 502" | S   |    |                     |   | 505.5" | S   |    |
|            |   |      |     |    |                     |   |        |     |    |
|            |   | 14   | 0.8 | 12 |                     |   |        |     |    |
|            |   | 19   | P   |    |                     |   |        |     |    |
|            |   | 13   |     |    |                     |   |        |     |    |
| 609.25     |   | 4    | 2.3 | 14 |                     |   |        |     |    |
| 608.50     |   | 5    | B   |    |                     |   |        |     |    |
|            |   | 6    |     |    |                     |   |        |     |    |
|            |   | 4    | 1.0 | 32 |                     |   |        |     |    |
|            |   | 6    | P   |    |                     |   |        |     |    |
|            |   | 12   |     |    |                     |   |        |     |    |
| 605.00     |   | 2    | 1.2 | 25 |                     |   |        |     |    |
|            |   | 3    | B   |    |                     |   |        |     |    |
|            |   | 7    |     |    |                     |   |        |     |    |
|            |   | 3    | 1.9 | 23 |                     |   |        |     |    |
|            |   | 4    | B   |    |                     |   |        |     |    |
|            |   | 5    |     |    |                     |   |        |     |    |
| 600.00     |   | 4    | 4.1 | 19 |                     |   |        |     |    |
|            |   | 18   | S   |    |                     |   |        |     |    |
|            |   | 23   |     |    |                     |   |        |     |    |
| 597.50     |   | 12   |     | 10 |                     |   |        |     |    |
|            |   | 25   |     |    |                     |   |        |     |    |
|            |   | 35   |     |    |                     |   |        |     |    |
|            |   | 26   |     | 10 |                     |   |        |     |    |
|            |   | 40   |     |    |                     |   |        |     |    |
|            |   | 48   |     |    |                     |   |        |     |    |
|            |   |      |     |    |                     |   |        |     |    |

MISCELLANEOUS FILL:  
crushed aggregate, sand, topsoil, coal, sand, slag and cinders  
Medium Stiff to Stiff, Brown, Gray, and Black CLAY LOAM  
traces - sand, gravel, slag, and glass  
FILL  
Medium Dense, Brown SAND  
FILL  
Stiff, Brown, Gray and Black SILTY CLAY  
traces - sand, gravel and topsoil  
FILL  
Stiff, Gray SILTY CLAY  
traces - sand and gravel  
Hard, Gray SILTY CLAY LOAM  
traces - sand and gravel  
Very Dense to Extremely Dense, Gray SILTY LOAM  
traces - sand and gravel

585.00  
AUGER REFUSAL

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test  
Stations, Depths, Offset, and Elevations are in Feet

**BORING W-3**

Everest Engineering Company  
STRUCTURE BORING LOG  
Page 1 of 1  
Date 6/14/01

ROUTE U.S. 6 DESCRIPTION U.S. ROUTE 6 FROM I-294 TO ILLINOIS ROUTE 1  
SECT. \_\_\_\_\_ STRUCT. NO. 016-2754 DRILLED BY PATRICK DRILLING  
COUNTY COOK LOCATION W. END, CENTER PIER S. 17, TWP. 36 N, RNG. 12 E

Boring No. W-3 Surface Water Elev. NA  
Station 90+87.93 Groundwater Elev.: \_\_\_\_\_  
Offset 0.00ft RL/T when drilling 603.0  
at Completion 589.0  
after \_\_\_\_\_ Hrs. \_\_\_\_\_

| Depth (ft) | D | B      | Qu  | W  | Surface Water Elev. | D | B | Qu  | W |
|------------|---|--------|-----|----|---------------------|---|---|-----|---|
|            | H | S      | tsf | %  |                     | H | S | tsf | % |
| 603.88     |   |        |     |    |                     |   |   |     |   |
| 603.54     |   |        |     |    |                     |   |   |     |   |
| 602.50     |   | 2      | 2.8 | 13 |                     |   |   |     |   |
|            |   | 2      | P   |    |                     |   |   |     |   |
|            |   | 5      |     |    |                     |   |   |     |   |
|            |   | 5      | 3.3 | 14 |                     |   |   |     |   |
|            |   | 10     | B   |    |                     |   |   |     |   |
|            |   | 28     |     |    |                     |   |   |     |   |
| 598.50     |   |        |     |    |                     |   |   |     |   |
|            |   | 12     | 4.5 | 14 |                     |   |   |     |   |
|            |   | 29     | P   |    |                     |   |   |     |   |
|            |   | 34     |     |    |                     |   |   |     |   |
| 596.00     |   | 5      |     | 13 |                     |   |   |     |   |
|            |   | 20     |     |    |                     |   |   |     |   |
|            |   | 33     |     |    |                     |   |   |     |   |
|            |   | 17     |     | 12 |                     |   |   |     |   |
|            |   | 505"   |     |    |                     |   |   |     |   |
|            |   | 11     |     | 11 |                     |   |   |     |   |
|            |   | 604.5" |     |    |                     |   |   |     |   |
|            |   | 17     |     | 12 |                     |   |   |     |   |
|            |   | 26     |     |    |                     |   |   |     |   |
|            |   | 30     |     |    |                     |   |   |     |   |
| 586.00     |   |        |     |    |                     |   |   |     |   |
|            |   | 502.5" |     | 12 |                     |   |   |     |   |
| 584.50     |   |        |     |    |                     |   |   |     |   |
|            |   |        |     |    |                     |   |   |     |   |

ASPHALT  
CONCRETE  
CRUSHED AGGREGATE  
Very Stiff Brown and Gray SILTY CLAY  
traces - sand and gravel  
Hard, Gray SILTY CLAY LOAM  
traces - sand and gravel  
Very Dense to Extremely Dense, Gray SILTY LOAM  
traces - sand and gravel  
Dense, Gray SANDY LOAM AND GRAVEL  
AUGER REFUSAL

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test  
Stations, Depths, Offset, and Elevations are in Feet

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|          |     |
|----------|-----|
| DESIGNED | DRS |
| CHECKED  | JJG |
| DRAWN    | SOI |
| CHECKED  | JJG |

**URS**  
100 South Wacker Drive,  
Suite 500  
Chicago, IL 60606  
(312) 939-1000

| REVISIONS |      |
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| NAME      | DATE |
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|           |      |
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
US RTE 6 FROM I-294 TO IL RTE 1  
**SOIL BORINGS W-2 & W-3**  
METRA & CN BRIDGE 20.6  
OVER U.S. RTE. 6 (159TH STREET)  
STATION 91+24.94 STRUCTURE NO. 016-2755  
SCALE: DATE: 2/21/2008