

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACT 62829

| F.A.P. RTE. NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|-----------|-------------------|--------------|-----------|
| 305 | 2004-088B | COOK | 145 | 123 |
| FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT- | | |

SHEET NO. SB-40
OF SHEETS SB-44

BORING B-22

Everest Engineering Company
STRUCTURE BORING LOG
Page 1 of 2
Date 7/13/00

ROUTE FAP 305 DESCRIPTION PALATINE ROAD OVER DESPLAINES RIVER
SECT. 211K-R-1 STRUCT. NO. 016-0530 (EXISTING) DRILLED BY PATRICK DRILLING INC.
COUNTY COOK LOCATION WEST PIER, NORTH SIDE S. 24, TWP. T 42 N., RNC. R 11 E

Boring No. B-22 Station 397+00.65 Offset 48.08 ft Lt. from PCL
Surface Elev. 632.99 ft

| DEPTH | TEST | DEPTH | TEST | DEPTH | TEST | DEPTH | TEST |
|--------|-------|--------|-------|-------|------|-------|------|
| ft | | ft | | ft | | ft | |
| 0 | | 0 | | 0 | | 0 | |
| 4 | 0.5 P | 10 | 7.8 B | 14 | | 21 | |
| 3 | | 14 | | 18 | | | |
| 3 | | 21 | | | | | |
| 629.99 | | 10 | 5.3 S | 17 | | 22 | |
| 1 | | 22 | | | | | |
| 2 | | | | | | | |
| 1 | | 602.99 | | | | | |
| 0 | | | | | | | |
| 0 | | | | | | | |
| 1 | | | | | | | |
| 625.49 | | | | | | | |
| 5 | 3.5 B | 9 | | 12 | | | |
| 6 | | 18 | | | | | |
| 8 | | 30 | | | | | |
| 623.99 | | | | | | | |
| 2 | 1.2 B | 6 | 6.4 B | 14 | | | |
| 2 | | 12 | | | | | |
| 6 | | 19 | | | | | |
| 615.99 | | | | | | | |
| 3 | 2.1 B | 6 | 4.5 B | 11 | | | |
| 4 | | 12 | | | | | |
| 8 | | 19 | | | | | |
| 615.99 | | | | | | | |
| 8 | 5.2 S | 8 | 4.5 B | 11 | | | |
| 11 | | 12 | | | | | |
| 16 | | 16 | | | | | |
| 615.99 | | | | | | | |
| 8 | 5.0 B | 7 | 5.8 B | 13 | | | |
| 10 | | 10 | | | | | |
| 14 | | 15 | | | | | |
| 582.99 | | | | | | | |
| 5 | 5.9 S | 7 | 5.8 B | 13 | | | |
| 13 | | 10 | | | | | |
| 24 | | 15 | | | | | |

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

Everest Engineering Company
STRUCTURE BORING LOG
Page 2 of 2
Date 7/13/00

STRUCTURE NO. 016-0530 (EXISTING)
ROUTE FAP 305
SECTION 211K-R-1
COUNTY COOK

Boring No. B-22 Station 397+00.65 Offset 48.08 ft Lt. from PCL
Elevation 582.99 ft

| DEPTH | TEST | DEPTH | TEST | DEPTH | TEST | DEPTH | TEST |
|--------|------|-------|-------|-------|------|-------|------|
| ft | | ft | | ft | | ft | |
| 0 | | 6 | 2.9 B | 22 | | | |
| | | 7 | | | | | |
| | | 10 | | | | | |
| 577.99 | | | | | | | |

BORING COMPLETED AT 55.0 FEET

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

BORING B-23

Everest Engineering Company
STRUCTURE BORING LOG
Page 1 of 2
Date 7/18/00

ROUTE FAP 305 DESCRIPTION PALATINE ROAD OVER DESPLAINES RIVER
SECT. 211K-R-1 STRUCT. NO. 016-0530 (EXISTING) DRILLED BY PATRICK DRILLING INC.
COUNTY COOK LOCATION CENTRAL PIER, SOUTH SIDE S. 19, TWP. T 42 N., RNC. R 12 E

Boring No. B-23 Station 397+76.82 Offset 24.53 ft Rt. from PCL
Surface Elev. 652.38 ft

| DEPTH | TEST | DEPTH | TEST | DEPTH | TEST | DEPTH | TEST |
|--------|--------|-------|--------|-------|------|-------|------|
| ft | | ft | | ft | | ft | |
| 0 | | 0 | | 0 | | 0 | |
| 625.88 | | 0 | | 15 | | | |
| 622.38 | | 0 | | 1 | | 15 | |
| | | 1 | | 2 | | | |
| 619.88 | | | | | | | |
| 2 | 0.5 P | 2 | | 16 | | | |
| 4 | | 4 | | | | | |
| 5 | | 5 | | | | | |
| 612.88 | | | | | | | |
| 4 | 4.5 S | 4 | 4.5 S | 12 | | | |
| 12 | | 12 | | | | | |
| 22 | | 22 | | | | | |
| 611.38 | | | | | | | |
| 9 | 5.4 B | 9 | 5.4 B | 13 | | | |
| 12 | | 12 | | | | | |
| 19 | | 19 | | | | | |
| 611.38 | | | | | | | |
| 12 | 7.8 S | 12 | 7.8 S | 12 | | | |
| 20 | | 20 | | | | | |
| 34 | | 34 | | | | | |
| 631.00 | | | | | | | |
| 9 | 4.5+ P | 9 | 4.5+ P | 13 | | | |
| 15 | | 15 | | | | | |
| 16 | | 16 | | | | | |
| 631.00 | | | | | | | |
| 9 | 9.5 B | 9 | 9.5 B | 14 | | | |
| 14 | | 14 | | | | | |
| 20 | | 20 | | | | | |

BRIDGE DECK - CONCRETE 651.78
AIR

SURFACE WATER (in Desplaines River) 631.00

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

P:\000095\04\Road\Advance Contract\WinStructur\DesPlaines\Plan_Sat\des-plns-38-44.dwg

| | |
|----------|-----|
| DESIGNED | EL |
| CHECKED | JAS |
| DRAWN | ABW |
| CHECKED | EL |

BORING LOGS III
WILLOW ROAD OVER
DES PLAINES RIVER
F.A.P. RTE. 305
SECTION 2004-088B
COOK COUNTY
STA. 397+76.18
STR. NO. 016-0530

EDWARDS AND KELCEY