

BORING LOGS

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|---------------------------|--------------|-----------|
| 595 | 1-3-K | ROCK ISLAND | 476 | 306 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |



PROJECT P-92-096-84 Date 12-17-86
 ROUTE FAU 5822 Milan Beltway Bored By D & G Drilling, Inc.
 SEC. 1-3 STA. 1162+00 52nd Ave. Checked By JZ/CB

| COUNTY Rock Island | | Surface Water El. | | Groundwater El. at Completion | | Elevation | | Qu / s.f. | | w (%) | |
|--|---------|-------------------|------|-------------------------------|-------|-----------|---|-----------|--|-------|--|
| Boring No. | B-72 | N/A | | 569.2 | | | | | | | |
| Station | 1162+00 | | | | | | | | | | |
| Offset | CL | | | | | | | | | | |
| Ground Surface | 571.2 | | | | | | | | | | |
| SILT: gray; soft; loose; trace organics; Laminated | | | | | | | | | | | |
| | 6 | 1.0 | 26 | A-4 | 546.2 | 25 | 4 | 34 | | | |
| SAND AND GRAVEL: gray; dense | | | | | | | | | | | |
| A-7-6 | 565.7 | 4 | 0.97 | 41 | | | | | | | |
| SILT: brown; soft; loose; few clayey lenses | | | | | | | | | | | |
| | 2 | <0.2 | 26 | A-1-b | 543.2 | | | | | | |
| grades sandier below 8.5' | | | | | | | | | | | |
| | 2 | <0.2 | 26 | CLAY SHALE: black; fissile | 541.9 | 50 | 4 | | | | |
| Boring Terminated @ 29.3' | | | | | | | | | | | |
| A-4 to A-6 | 560.7 | 8 | | | | | | | | | |
| SILT: gray; soft; loose; trace organics; Laminated | | | | | | | | | | | |
| | 5 | 0.31 | 33 | | | | | | | | |
| | 2 | 0.3 | 33 | | | | | | | | |
| | 3 | | | | | | | | | | |
| | 2 | <0.2 | 33 | | | | | | | | |
| | 2 | <0.2 | 33 | | | | | | | | |

N-Standard Penetration Test- Blows per foot to drive 2"
 O.D. Split Spoon Sampler 12" with 140 No. hammer falling 30".
 Qu-Unconfined Compressive Strength - /sf
 w - Water Content - percentage of oven dry weight-%
 Type failure:
 B - Bulge Failure
 S - Shear Failure
 E - Estimated Value
 P - Penetrometer
 BD 137 (Rev. 4-78) 7-87



PROJECT P-92-096-84 Date 12-21-86
 ROUTE FAU 5822 Milan Beltway Bored By D & G Drilling, Inc.
 SEC. 1-3 STA. 1164+41 52nd Ave. Checked By JZ/CB

| COUNTY Rock Island | | Surface Water El. | | Groundwater El. at Completion | | Elevation | | Qu / s.f. | | w (%) | |
|---|---------|-------------------|-----|-------------------------------|-------|-----------|---|-----------|--|-------|--|
| Boring No. | B-73 | N/A | | 566.2 | | | | | | | |
| Station | 1164+41 | | | | | | | | | | |
| Offset | 50'L | | | | | | | | | | |
| Ground Surface | 570.2 | | | | | | | | | | |
| SILT: gray; medium dense | | | | | | | | | | | |
| | 7 | 1.1 | 23 | A-3 | 544.7 | 25 | 9 | 7 | | | |
| CLAY SHALE: black; Thin Laminae; Fissile | | | | | | | | | | | |
| A-7-6 | 565.8 | 4 | 0.5 | 31 | | | | | | | |
| SILT: light brown and gray mottled; medium stiff to soft; wet | | | | | | | | | | | |
| A-4/A-6 | 563.0 | 2 | 0.7 | 30 | | | | | | | |
| Boring Terminated @ 26.9' | | | | | | | | | | | |
| A-3 | 560.7 | 2 | | | | | | | | | |
| SILT: gray; loose; trace organics; no odor; Laminated | | | | | | | | | | | |
| | 2 | 0.23 | 30 | | | | | | | | |
| | 2 | <0.2 | 33 | | | | | | | | |
| | 3 | <0.2 | 32 | | | | | | | | |
| | 9 | <0.2 | 36 | | | | | | | | |
| A-4 | 548.6 | | | | | | | | | | |
| SAND | | | | | | | | | | | |

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 O.D. Split Spoon Sampler 12" with 140 No. hammer falling 30".
 Qu-Unconfined Compressive Strength - /sf
 w - Water Content - percentage of oven dry weight-%
 Type failure:
 B - Bulge Failure
 S - Shear Failure
 E - Estimated Value
 P - Penetrometer
 BD 137 (Rev. 4-78) 7-88



PROJECT P-92-096-84 Date 12-20-86
 ROUTE FAU 5822 Milan Beltway Bored By D & G Drilling, Inc.
 SEC. 1-3 STA. 1164+41 52nd Ave. Checked By JZ/CB
 (Ramp 3 & 4)

| COUNTY Rock Island | | Surface Water El. | | Groundwater El. at Completion | | Elevation | | Qu / s.f. | | w (%) | |
|---|---------|-------------------|------|-------------------------------|-------|-----------|---|-----------|--|-------|--|
| Boring No. | B-74 | N/A | | 567.8 | | | | | | | |
| Station | 1164+41 | | | | | | | | | | |
| Offset | 240'R | | | | | | | | | | |
| Ground Surface | 570.2 | | | | | | | | | | |
| SAND: some gravel; gray; dense | | | | | | | | | | | |
| | 4 | 0.5 | 27 | A-3 | 545.7 | 30 | 6 | 13 | | | |
| CLAY SHALE: black; Thinly Laminated; Fissile | | | | | | | | | | | |
| | 2 | 0.47 | 30 | | | | | | | | |
| Boring Terminated @ 25.0' | | | | | | | | | | | |
| A-7-6 | 562.2 | 4 | 0.58 | 25 | | | | | | | |
| SILT: gray; loose; trace organics; no odor; Laminated | | | | | | | | | | | |
| | 5 | | | | | | | | | | |
| | 2 | | | | | | | | | | |
| | 2 | | | | | | | | | | |
| | 8 | | | | | | | | | | |
| | 5 | | | | | | | | | | |
| Limestone Cobble @ 21.2 to 21.3' | | | | | | | | | | | |
| A-4 | 548.2 | 47 | 15 | | | | | | | | |

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 BD 137 (Rev. 4-78) 7-89