CONTRACT NO. 64647

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	1-3-K	ROCK ISLAND	476	310
STA.		TO STA.		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

BORING LOGS

Illinois Department of Transportation

Sh. 1 of 1 Sh.

PROJECT P-92-096-84 BRIDGE Beltway Overpass Date 12-17-86

ROUTE FAU 5822 Milan Beltway Bored By D & G Drilling, Inc.

SEC. 1-3 STA. 1160+00, 52nd Ave. Checked By JZ/CB

COUNTY Rock Island

Boring No. S-57
Station 1160+00
Offset CL

Surface Water El. N/A
Groundwater El. at Completion 568.0
After _ Hours _

Elevation	N	Qu t/s.f.	w (%)
Ground Surface 573.5	0		
SILTY CLAY LOAM: dark gray; medium stiff A-7-6 572.0			
SILTY LOAM: light brown and gray mottled; very soft	4	0.5 P	28
▼ -5	2	0.4 B	27
A-4 to A-6 566.8			
SAND: rusty brown; loose A-3 565.5	2		
SILTY LOAM: light brown and gray mottled; soft	5	0.3 P	26
-10	4	0.4 B	32
A-4 to A-6 560.5			
SILT: gray; soft; very loose; Laminated; trace organics	3		39
-15			
	3	0.3 B	37
-20	2	0.35 B	34

Elevation	N	Qu t/s.f.	w (%)
SILT: gray; soft; very loose; Laminated; trace organics	3	0.4 B	34
-25	2	0.2 B	31
A-4 548.0			
SAND AND GRAVEL: gray; dense	45		
A-1-b 545.5			
CLAY SHALE: black; Thin Laminae; Fissile			
-30	50/3"		15
539.3			
	50/3"		
Boring Terminated @ 34.2'.			
-35	50/2"		
-40			
-45			

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 - t/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)

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Illinois Department of Transportation

Sh. 1 of 1 Sh.

PROJECT P-92-096-84 BRIDGE Beltway Overpass Date 12-22-86

ROUTE FAU 5822 Milan Beltway Bored By D & G Drilling, Inc.

SEC. 1-3 STA. _ Checked By JZ/CB

COUNTY Rock Island

Boring No. S-58
Station 1158+50
Offset 10'R

Surface Water El. N/A
Groundwater El. at Completion 569.0
After _ Hours _

Elevation	N	Qu t/s.f.	w (%)
Ground Surface 574.5	0		
SILTY CLAY LOAM: dark gray; medium stiff; trace organics; A-7-6 572.6			
SILTY LOAM: light gray and brown mottled; medium stiff to soft	8	0.7 P	29
▼ -5	7	0.8 P	26
	*	0.24 B	
-10	4	0.4 B	31
	4	0.7 B	29
A-4 to A-6 560.5			
SANDY LOAM AND GRAVEL: brown; loose A-1-b 558.5	7		23
-15			
SILT: gray; very soft, loose; Laminated; trace organics No odor	3	<0.2 P	31
-20	3		33
A-4 552.8			

Elevation	N	Qu t/s.f.	w (%)
CLAY SHALE: dark gray to black; Thin Laminae; Fissile	50/3"	4.0 S	14
	50/4"		10
-25			
548.0	50/4"		12
Boring Terminated @ 26.5'.			
*Shelby Tube Sample 5.0' to 8.0 2.0' Recovery			
-30			
-35			
-40			
-45			

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 - t/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)

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Illinois Department of Transportation

Sh. 1 of 1 Sh.

PROJECT P-92-096-84 BRIDGE Beltway Overpass Date 12-18-86

ROUTE FAU 5822 Milan Beltway Bored By D & G Drilling, Inc.

SEC. 1-3 STA. 398+35 Checked By JZ/CB

COUNTY Rock Island

Boring No. S-59
Station 398+35
Offset 8'R

Surface Water El. N/A
Groundwater El. at Completion 570.7
After _ Hours _

Elevation	N	Qu t/s.f.	w (%)
Ground Surface 574.2	0		
SILTY CLAY LOAM: dark gray; medium stiff to soft A-7-6 571.2	6	0.5 P	28
SILTY LOAM: brown; medium stiff to soft	5	0.6 B	25
-5	3	0.7 B	28
-10	2	<0.2 P	31
	4	0.5 B	28
A-4 to A-6 561.2			
SILT: gray; very soft, loose; trace organics; no odor	3	0.4 B	32
sand lense at 16.3' to 18.0'	2		24
-20	3	0.3 P	
	2	<0.2 P	28

Elevation	N	Qu t/s.f.	w (%)
SILT: gray; very soft, loose; trace organics; no odor			
-25	2	0.2 B	33
A-4 548.7			
SAND AND GRAVEL: gray; medium dense to dense	39		
A-1-b 546.3			
CLAY SHALE: black; Thin Laminae, Fissile			
BEGIN CORING @ 30.0'	50/2"		14
-30			
Rock Core @ 30.0' to 40.0'			
RUN #1 @ 30.0' to 34.5' Recovery = 100% RQD = 100%			
RUN #2 @ 34.5' to 39.0' Recovery = 98% RQD = 47%			
RUN #3 @ 39.0' to 40.0' Recovery = 0% RQD = 0%			
-35			
534.2			
-40			
Boring Terminated @ 40.0'.			
-45			

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 - t/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)

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