

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 595	I-3-K	Rock Island	476	273
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT	22 SHEETS	



PROJECT P-92-096-84 BRIDGE Beltway Overpass Date 12-17-86 Sh. 1 of 1 Sh.
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. Station Offset	Elevation	N	Cu	Usf.	w (%)	Surface Water El.		Groundwater El. at Completion	Elevation	N	Cu	Usf.	w (%)
						N/A	N/A						
Ground Surface	573.5	0						N/A					
SILTY CLAY LOAM: dark gray; medium stiff								568.0					
A-7-6	572.0												
SILTY LOAM: light brown and gray mottled; very soft		4	0.5	P	28								
A-4	548.0	2	0.2	B	31								
SAND AND GRAVEL: gray; dense		2	0.4	B	27								
A-4 to A-6	566.8												
SAND: rusty brown; loose		2											
A-3	565.5												
SILTY LOAM: light brown and gray mottled; soft		5	0.3	P	26								
A-4 to A-6	560.5	4	0.4	B	32								
SILT: gray; soft; very loose; Laminated; trace organics		3	0.3	B	37								
		2	0.35	B	34								

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 - Usf
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)

7-72

DESIGNED	JBF
CHECKED	JBF
DRAWN	RAP
CHECKED	JBF



PROJECT P-92-096-84 BRIDGE Beltway Overpass Date 12-22-86 Sh. 1 of 1 Sh.
ROUTE FAU 5822 Milan Beltway Bored By D & G Drilling, Inc.
SEC. 1-3 STA. Checked By JZ/CB
COUNTY Rock Island

Boring No. Station Offset	Elevation	N	Cu	Usf.	w (%)	Surface Water El.		Groundwater El. at Completion	Elevation	N	Cu	Usf.	w (%)
						N/A	N/A						
Ground Surface	574.5	0						N/A					
SILTY CLAY LOAM: dark gray; medium stiff; trace organics;								569.0					
A-7-6	572.6												
SILTY LOAM: light gray and brown mottled; medium stiff to soft		8	0.7	P	29								
A-4	548.0	7	0.8	P	26								
CLAY SHALE: black; Thin Laminar; Fissile													
A-1-b	545.5												
*Shelby Tube Sample 5.0' to 8.0' 2.0' Recovery													
Boring Terminated @ 26.5'													
A-4 to A-6	560.5												
SANDY LOAM AND GRAVEL: brown; loose		7											
A-1-b	558.5												
SILT: gray; very soft, loose; Laminated; trace organics; No odor		3	<0.2	P	31								
		3											
A-4	552.8												

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 - Usf
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)

7-73



PROJECT P-92-096-84 BRIDGE Beltway Overpass Date 12-18-86 Sh. 1 of 1 Sh.
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. Station Offset	Elevation	N	Cu	Usf.	w (%)	Surface Water El.		Groundwater El. at Completion	Elevation	N	Cu	Usf.	w (%)
						N/A	N/A						
Ground Surface	574.2	0						N/A					
SILTY CLAY LOAM: dark gray; medium stiff to soft								570.7					
A-7-6	571.2												
SILTY LOAM: brown; medium stiff to soft		6	0.5	P	28								
A-4	548.7	2	0.2	B	33								
SAND AND GRAVEL: gray; medium dense to dense		5	0.6	B	25								
A-1-b	546.3												
CLAY SHALE: black; Thin Laminar; Fissile													
BEGIN CORING @ 30.0'													
Rock Core @ 30.0' to 40.0'													
RUN #1 @ 30.0' to 34.5' Recovery = 100% RQD = 100%		2	<0.2	P	31								
RUN #2 @ 34.5' to 39.0' Recovery = 98% RQD = 47%		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 lens at 16.3' to 18.0'		2											
		2											
		3	0.3	P									
		2	<0.2	P	28								

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 - Usf
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)

7-74

BORING LOGS

52nd AVE. OVER MILAN BELTWAY
FAU ROUTE 5822 SECTION 1-3
ROCK ISLAND COUNTY
STATION 1159+12.92
STRUCTURE NO. 081-0156

12/22/2004 01:21:38 PM