

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



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		Surface Water El. N/A		Groundwater El. at Completion 568.0		After Hours	
Elevation	N	Qu /s.f.	w (%)	Elevation	N	Qu /s.f.	w (%)
Ground Surface 573.5	0						
SILT: gray; soft; very loose; Laminated; trace organics							
A-7-6 572.0					3	0.4 B	34
SILTY LOAM: light brown and gray mottled; very soft	4	0.5 P	28				
A-4 548.0	-25	2 B	31				
SAND AND GRAVEL: gray; dense							
A-1-b 545.5	-45						
CLAY SHALE: black; Thin Laminae; Fissile							
A-4 to A-6 566.8	2						
SAND: rusty brown; loose							
A-3 565.5	-30	50/3"	15				
SILT: gray; soft; very loose; Laminated; trace organics							
A-4 to A-6 560.5	-15	3 B	39				
	3	0.3 B	37				
	-20	2	0.35 B	34			
	-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 - 1/sf  
 w - Water Content - percentage of oven dry weight-%.  
 Type failure:  
 B - Bulge Failure  
 S - Shear Failure  
 E - Estimated Value  
 P - Penetrometer



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		Surface Water El. N/A		Groundwater El. at Completion 569.0		After Hours	
Elevation	N	Qu /s.f.	w (%)	Elevation	N	Qu /s.f.	w (%)
Ground Surface 574.5	0						
CLAY SHALE: dark gray to black; Thin Laminae; Fissile							
A-7-6 572.6					50/3"	4.0 S	14
SILTY LOAM: light gray and brown mottled; medium stiff to soft	8	0.7 P	29				
A-4 548.0	-25	2 B	31				
SAND AND GRAVEL: gray; dense							
A-1-b 545.5	-45						
CLAY SHALE: black; Thin Laminae; Fissile							
A-4 to A-6 560.5	2						
SANDY LOAM AND GRAVEL: brown; loose							
A-1-b 558.5	-15	7	23				
SILT: gray; very soft, loose; Laminated; trace organics; No odor							
A-4 552.8	-45	3	<0.2 P	31			
	-20	3		33			
	-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 - 1/sf  
 w - Water Content - percentage of oven dry weight-%.  
 Type failure:  
 B - Bulge Failure  
 S - Shear Failure  
 E - Estimated Value  
 P - Penetrometer



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		Surface Water El. N/A		Groundwater El. at Completion 570.7		After Hours	
Elevation	N	Qu /s.f.	w (%)	Elevation	N	Qu /s.f.	w (%)
Ground Surface 574.2	0						
SILT: gray; very soft, loose; trace organics; no odor							
A-7-6 571.2					6	0.5 P	28
SILTY LOAM: brown; medium stiff to soft	5	0.6 B	25				
A-4 548.7	-25	2	0.2 B	33			
SAND AND GRAVEL: gray; medium dense to dense							
A-1-b 546.3	-39						
CLAY SHALE: black; Thin Laminae, Fissile							
BEGIN CORING @ 30.0'	-30	50/2"	14				
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%							
A-4 to A-6 561.2	-15	3	0.4 B	32			
SILT: gray; very soft, loose; trace organics; no odor							
sand lense at 16.3' to 18.0'	2						
	-20	3	0.3 P				
	-45	2	<0.2 P	28			
	-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 - 1/sf  
 w - Water Content - percentage of oven dry weight-%.  
 Type failure:  
 B - Bulge Failure  
 S - Shear Failure  
 E - Estimated Value  
 P - Penetrometer