

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	1-3-K	ROCK ISLAND	476	293
STA.		TO STA.		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

BORING LOGS



ILLINOIS DEPARTMENT OF TRANSPORTATION
 District Two Materials
 S. Moline Twp. - Sec. 18 - T17N, R1W

Units English
 Bridge Foundation
 Boring Log

PROJECT P-92-096-84 BRIDGE Rock River Date 4/1/87 Sh. 1 of 1 Sh.
 ROUTE FAU 5822 Milan Beltway Bored By ETI
 SEC. 1-3 STA. 366+00± Checked By CB

Elevation	N	Qu	w	Type	Description	Elevation	N	Qu	w	Type	Description
559.7					CLAY SHALE (cont)	559.7					
557.7					WATER	557.7					
552.8					SILTY: trace sand; greenish gray; very loose/soft	552.8					
548.8					A-4 SAND: brown and gray; medium dense	548.8					
548.8					A-3 CLAY SHALE: dark gray to gray; soft; fissile	548.8					

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 - 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
 District Two Materials
 S. Moline Twp. - Sec. 18 - T17N, R1W

Units English
 Bridge Foundation
 Boring Log

PROJECT P-92-096-84 BRIDGE Rock River Date 4/1/87 Sh. 1 of 1 Sh.
 ROUTE FAU 5822 Milan Beltway Bored By ETI
 SEC. 1-3 STA. 366+05± Checked By CB

Elevation	N	Qu	w	Type	Description	Elevation	N	Qu	w	Type	Description
559.7					CLAY SHALE (cont)	559.7					
557.6					WATER	557.6					
551.8					SILT: greenish gray; very loose/soft	551.8					
548.8					A-4 SAND: fine to medium grained; medium dense	548.8					
548.8					A-3 SILTY SHALE: dark gray; fissile	548.8					
543.3					ARGILLACEOUS SANDSTONE	543.3					

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
 District Two Materials
 S. Moline Twp. - Sec. 18 - T17N, R1W

Units English
 Bridge Foundation
 Boring Log

PROJECT P-92-096-84 BRIDGE Milan Beltway Date 4/1/87 Sh. 1 of 1
 ROUTE FAU 5822 Extension, 1.5 miles Bored By C. Jenkins
 SEC. 1-3 STA. 366+00± Checked By T. Bratt

Elevation	N	Qu	w	Type	Description	Elevation	N	Qu	w	Type	Description
561.2					Ground Surface	561.2					
561.2					VERY SOFT brown SILTY LOAM	561.2					
557.7					VERY DENSE gray/black SHALE	557.7					
552.8					LOOSE dirty gray coarse grained SAND with ORGANICS	552.8					
548.8					LOOSE tan coarse grained SAND	548.8					
548.8					1st 5' Core Run 100% Recovery black shale	548.8					
548.8					2nd 5' Core Run 100% Recovery black shale	548.8					
548.8					VERY DENSE gray SHALE	548.8					

N-Std Penetr Test: 2A 0B Sampler, 140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)