CONTRACT NO. 64647

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	1-3-K	ROCK ISLAND	476	291
STA.		TO STA.		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

BORING LOGS

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Two Materials
Blackhawk Twp. - SE 1/4 Sec. 18 - T17N, R1W

Units English
Bridge Foundation
Boring Log

PROJECT P92-096-84 | BRIDGE Milan Beltway Extension, 1.5 miles East of Blackhawk State Park | Date Sh. 1 of 1 07/17/95
ROUTE FAU 5822 | Bored By C. Jenkins
SEC. 1-3 | STA. - | Checked By T. Bratt
COUNTY Rock Island
Boring No. B-100
Sta 364 + 43
O/S on CL

Surf Wat El. 563.3
Groundwater El.
at Compl Wash
At ___ Hrs ___

DEPTH	N	Qu t/sf	W %	DEPTH	N	Qu t/sf	W %
Ground Surface 566.1 0							
SOFT brown SILTY LOAM with ORGANICS		0.3 P	11	Auger Refusal			
				Tri-Cone to 35'			
MEDIUM gray SILTY LOAM with GRAVEL -5	1 2 2	0.5 P	11	Tri-coned to 25' like shale. From 25' to 35' like crystalline bedrock			
First Encounter V -5							
No Sample	1 5 7						
LOOSE gray coarse grained SAND with some GRAVEL -10	5 4 4						
Same as above	3 1 4						
Begin Wash							
VERY DENSE gray/black SHALE -25	18 33 57			1st 5' Run 100% Recovery gray SANDSTONE -35			
VERY DENSE gray/black SHALE	100/11" PEN						
Same as above	100/9" PEN			2nd 5' Run 100% Recovery gray SANDSTONE -40			
Same as above -20 Auger to 22 1/2'	100/8" PEN						
	next column			END OF BORING -42			

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

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

Units English
Bridge Foundation
Boring Log

PROJECT P92-096-84 | BRIDGE Milan Beltway Extension, 1.5 miles East of Blackhawk State Park | Date Sh. 1 of 1 07/26/95
ROUTE FAU 5822 | Bored By C. Jenkins
SEC. 1-3 | STA. - | Checked By T. Bratt
COUNTY Rock Island
Boring No. B-200
Sta 377 + 00
O/S 15' Rt CL

Surf Wat El.
Groundwater El.
at Compl Wash
At ___ Hrs ___

DEPTH	N	Qu t/sf	W %	DEPTH	N	Qu t/sf	W %
Ground Surface 561.34 0							
MEDIUM brown SILTY CLAY with GRAVEL		0.5 P	28	VERY DENSE gray/black SHALE	47 100/9" PEN		
Same as above	0 0 1	0.5 P	29	Same as above -25	28 30 28		
First Encounter V -5							
VERY LOOSE dirty gray SAND	0 1 1			Same as above	42 100/9" PEN		
VERY LOOSE tan fine to medium grained SAND -10	0 0 1			Same as above	100/11" PEN		
begin wash -10 Same as above	0 0 1			Same as above	38 100/7" PEN		
MEDIUM gray SAND & GRAVEL -15	5 5 9			Auger to 35' -35 1st 5' Run Black shale 4' 9" 95% Recovery			
DENSE gray/black SHALE -20	13 15 20						
VERY DENSE gray/black SHALE	20 33 41			2nd 5' Run black shale 5' 100% Recovery -40			
Same as above -20	22 26 48						
	next column			END OF BORING -45			

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

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

Units English
Bridge Foundation
Boring Log

PROJECT P92-096-84 | BRIDGE Milan Beltway Extension, 1.5 miles East of Blackhawk State Park | Date Sh. 1 of 1 07/27/95
ROUTE FAU 5822 | Bored By C. Jenkins
SEC. 1-3 | STA. - | Checked By T. Bratt
COUNTY Rock Island
Boring No. B-300
Sta 373 + 55
O/S 50' Lt CL (T)

Surf Wat El.
Groundwater El.
at Compl Wash
At ___ Hrs ___

DEPTH	N	Qu t/sf	W %	DEPTH	N	Qu t/sf	W %
Ground Surface 561.2 0							
SOFT gray/brown SILTY LOAM 7.5% organics		0.3 P	43	VERY DENSE gray/black SHALE	31 100/11" PEN		
SOFT gray/brown SILT 10.3% organics	0 0 0	0.3 P	58	Same as above -35	100/11" PEN		
SOFT black SILT 7.1% organics -5	0 0 1	0.3 B	42	Same as above	100/11" PEN		
				END OF BORING			
First Encounter V LOOSE tan SAND & GRAVEL -10	1 2 1						
LOOSE tan SAND & GRAVEL	0 2 2						
MEDIUM gray SHALE under tan SAND & GRAVEL -15	3 6 11						
VERY DENSE gray SHALE	19 38 38						
DENSE gray/black SHALE -25	9 16 23						
Same as above -20	13 14 29						
	next column						

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