CONTRACT NO.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00233-00-BT	ROCK ISLAND	75	29
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SOIL BORINGS

Illinois Department of Transportation

Sh. 1 of 1 Sh.

PROJECT P-92-096-84 Date 12-20-86

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

SEC. 1-3 STA. 382+00 Checked By JZ/CB

COUNTY Rock Island

Boring No. B-49
Station 382+00
Offset @ CL

Surface Water El. 563.5
Groundwater El. at Completion 563.5
After ____ Hours ____

Ground Surface 563.5	Elevation	N	Qu t/s.f.	w (%)
SILTY CLAY LOAM: dark gray; stiff	0			
		4	1.6 B	29
	-5	5	1.2 B	29
A-7-6 557.5				
SAND: brown; loose; some clayey lenses		4		21
A-3 555.5				
SAND/SANDY LOAM: gray and brown layered; loose	-10	8		35
		65		7
A-3 to A-4 550.0				
CLAY SHALE: black; Fissile Thinly Laminated; few Limestone Partings	-15	64		15
548.5				
Boring Terminated @ 15.0'.	-20			

Elevation	N	Qu t/s.f.	w (%)
-25			
-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)

7-64

Illinois Department of Transportation

Sh. 1 of 1 Sh.

PROJECT P-92-096-84 Date 12-20-86

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

SEC. 1-3 STA. 384+00 Checked By JZ/CB

COUNTY Rock Island

Boring No. B-50
Station 384+00
Offset CL

Surface Water El. 564.5*
Groundwater El. at Completion 564.2
After ____ Hours ____

Ground Surface 564.5	Elevation	N	Qu t/s.f.	w (%)
SILTY CLAY LOAM: dark gray; medium stiff	0			
		4		28
	-5	8	1.0 B	30
A-7-6 558.3				
SILTY CLAY LOAM: brown and gray mottled		3	0.6 B	31
A-6 555.5				
SAND: gray/brown; loose	-10	6		20
A-3 554.0				
CLAY SHALE: black		59		13
552.0				
Boring Terminated @ 12.5'	-15			

* Standing water in ruts of plowed field

Elevation	N	Qu t/s.f.	w (%)
-25			
-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)

7-65

Illinois Department of Transportation

Sh. 1 of 1 Sh.

PROJECT P-92-096-84 Date 12-17-86

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

SEC. 1-3 STA. 1169+55 52nd Ave. Checked By JZ/CB

COUNTY Rock Island

Boring No. B-78
Station 1169+55
Offset 20'R

Surface Water El. ____
Groundwater El. at Completion Dry
After ____ Hours ____

Ground Surface 570.0	Elevation	N	Qu t/s.f.	w (%)
CLAY LOAM FILL: trace gravel; brown; stiff	0			
			1.5 P	15
A-6 567.0				
SILTY CLAY LOAM: brown and gray mottled; medium stiff	-5		0.7 P	24
A-7-6 564.0				
Boring Terminated @ 6.0'				
	-10			
	-15			
	-20			

Elevation	N	Qu t/s.f.	w (%)
-25			
-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)

7-94

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORINGS

SCALE: NTS
DATE 3/31/09

DRAWN BY PAR
CHECKED BY PAR

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
USER NAME = $USER$