

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO.
FAU 5952	G-1	GRUNDY	52	44
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

G-BR-1 66563

**Illinois Department of Transportation**  
Division of Highways  
Illinois Department of Transportation

### SOIL BORING LOG

Page 1 of 1 Date 9/19/97

ROUTE FAU 5952 DESCRIPTION US 6 OVER EAST FORK OF NETTLE CREEK WEST OF MORRIS LOGGED BY K.W.

SECTION (G.GR) (Q) (R) (BR) (BR)-1 LOCATION SE 14, SEC. 33, TWP. 34N, RNG. 7E, 3rd PM

COUNTY GRUNDY DRILLING METHOD HOLLOW STEM AUGER HAMMER TYPE AUTOMATIC

STRUCT. NO.	EXISTING	D	B	U	M	Surface Water Elev.	D	B	U	M	
Station		E	P	O	S	ft	E	P	O	S	
BORING NO.	1 EAST ABUT.	T	W	Q	T	Groundwater Elev.:	H	S	Q	T	
Station	557+33.48	H	S	Qu	T	ft	(ft)	(%)	(tsf)	(%)	
Offset	8.50 ft RT					First Encounter					
Ground Surface Elev.	517.21					Upon Completion					
						After	Hrs.				
BITUMINOUS CONCRETE Over Black SILTY CLAY						Very Stiff Dark Gray & Brown CLAY with Small Pieces of Gray SHALE (continued)	9	3.8	25.0		
						495.71					
						Very Stiff Gray CLAY LOAM with Thin Fine SAND Layers, Small Pieces of COAL, SANDSTONE & SHALE	4				
						512.71					
						Stiff Brown SILTY CLAY TILL	3				
						511.71					
						Medium Dark Brown SILTY CLAY LOAM	3	1.3B	19.0		
						510.71					
						Stiff Brown SILTY CLAY	3				
						508.21					
						Stiff Brownish Gray CLAY LOAM	2				
						506.71					
						Hard Brown & Gray Varved Lake CLAY with 0.1 to 0.2" SILT Layers	5	4.5P	20.0		
						498.21					
						Dense Gray SHALE CARBONDALE FORMATION PENNSYLVANIAN SYSTEM	4	6.2	22.0		
						477.21					

End of Boring

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
BBS, from 137 (Rev. 8-99)

Bott. of E. Abut. Cap  
El. 512.33

**BORING #1**  
**EAST ABUTMENT**

**Illinois Department of Transportation**  
Division of Highways  
Illinois Department of Transportation

### SOIL BORING LOG

Page 1 of 2 Date 9/19/97

ROUTE FAU 5952 DESCRIPTION US 6 OVER EAST FORK OF NETTLE CREEK WEST OF MORRIS LOGGED BY K.W.

SECTION (G.GR) (Q) (R) (BR) (BR)-1 LOCATION SE 14, SEC. 33, TWP. 34N, RNG. 7E, 3rd PM

COUNTY GRUNDY DRILLING METHOD HOLLOW STEM AUGER HAMMER TYPE AUTOMATIC

STRUCT. NO.	EXISTING	D	B	U	M	Surface Water Elev.	D	B	U	M
Station		E	P	O	S	ft	E	P	O	S
BORING NO.	2 WEST ABUT.	T	W	Q	T	Groundwater Elev.:	H	S	Q	T
Station	557+33.48	H	S	Qu	T	ft	(ft)	(%)	(tsf)	(%)
Offset	7.00 ft LT					First Encounter				
Ground Surface Elev.	516.56					Upon Completion				
						After	Hrs.			
BITUMINOUS PAVEMENT Over Brown SILTY CLAY TILL (FILL)						Very Stiff Gray Brown Varved LAKE CLAY (continued)	5			
						511.56				
						Stiff Mix of Brown SILTY CLAY, Gray CLAY (WEATHERED SHALE), CINDERS, COAL, BROKEN TILE (FILL)	6			
						509.56				
						Medium Brown SILTY CLAY LOAM	3			
						506.56				
						Very Stiff Brown & Gray VARVED LAKE CLAY	2			
						504.56				
						Hard Brown Varved LAKE CLAY with Gray SILT Seams	4			
						483.56				
						Dense Dark Gray LOAM GRAVEL	9	2.0P	23.0	
						479.56				
						Medium WEATHERED Gray SHALE	18			
						477.56				
						Dense Gray SHALE	6			
						477.06				

End of Boring

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
BBS, from 137 (Rev. 8-99)

Bott. of W. Abut. Cap  
El. 511.80

**BORING #2**  
**WEST ABUTMENT**

**Illinois Department of Transportation**  
Division of Highways  
Illinois Department of Transportation

### SOIL BORING LOG

Page 2 of 2 Date 9/19/97

ROUTE FAU 5952 DESCRIPTION US 6 OVER EAST FORK OF NETTLE CREEK WEST OF MORRIS LOGGED BY K.W.

SECTION (G.GR) (Q) (R) (BR) (BR)-1 LOCATION SE 14, SEC. 33, TWP. 34N, RNG. 7E, 3rd PM

COUNTY GRUNDY DRILLING METHOD HOLLOW STEM AUGER HAMMER TYPE AUTOMATIC

STRUCT. NO.	EXISTING	D	B	U	M	Surface Water Elev.	D	B	U	M
Station		E	P	O	S	ft	E	P	O	S
BORING NO.	2 WEST ABUT.	T	W	Q	T	Groundwater Elev.:	H	S	Q	T
Station	557+33.48	H	S	Qu	T	ft	(ft)	(%)	(tsf)	(%)
Offset	7.00 ft LT					First Encounter				
Ground Surface Elev.	516.56					Upon Completion				
						After	Hrs.			
Dense Gray SHALE (continued)						52				
						475.56				
End of Boring						475.56				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
BBS, from 137 (Rev. 8-99)

**SOIL BORINGS**  
**U.S. ROUTE 6 (BEDFORD ROAD)**  
**OVER EAST FORK OF NETTLE CREEK**  
**FAU 5952-SEC. G-BR-1**  
**GRUNDY COUNTY**  
**STATION 557+33.31**  
**S.N. 032-0108**

BOWMAN, BARRETT  
& ASSOCIATES INC.  
CONSULTING ENGINEERS  
130 E. RANDOLPH STREET  
CHICAGO, ILLINOIS 60601  
JOB NO. 541



DESIGNED	UM
CHECKED	BLU
DRAWN	UM
CHECKED	BLU

DATE: 10/25/05