

BRIDGE FOUNDATION BORING LOG

SHEET 1 OF 2

PROJECT CEDAR ROAD OVER JACKSON CREEK DATE 6/27/02
 ROUTE SOUTH CEDAR ROAD BORED BY SPE
 SECTION 56-B-150 (Original) STATION 106+95 to 107+24 CHECKED BY WJW

COUNTY WILL		ROTARY MUD DRILLING	
BORING SB-1		GROUNDWATER SURFACE	
STATION 107+75		IN CREEK 681.7	
Depth	N/6*	Qu	W
ft	tsf	tsf	%
GROUND SURFACE EL. 692.8			
9" AC, 13" Grey Crushed Limestone Base Course			
Black, Yellow-Brown with Dark Grey Silty CLAY, A-6: FILL			
1	9	1.5	19
	6	P	
	3		
to mostly Black			
2	2	1.9	28
	2	B	
	3		
3	1	0.97	30
	2	BS	
	2		
4	1	0.78	31
	2	BS	
	2		
5	2	1.28	32
	3	BS	
	2		
6	2	1.0	31
	2	BS	
	2		
7	1	<0.25	27
	4	P	
Grey SAND and GRAVEL, A-1			
8	11	-	20
	12		
	11		

N-Standard Penetration Test-Blows per foot to drive 2 inch
 O.D. Split Spoon Sampler 12 inches with 140 lbs. hammer falling 30 inches
 Qu- Unconfined Compressive Strength (tsf)
 W- Water Content-percentage of oven dry weight (%)
 Type failure: B- Bulge Failure
 S- Shear Failure
 E- Estimated Value
 P- Penetrometer

BRIDGE FOUNDATION BORING LOG

SHEET 1 OF 2

PROJECT CEDAR ROAD OVER JACKSON CREEK DATE 8/13/02
 ROUTE SOUTH CEDAR ROAD BORED BY SPE
 SECTION 56-B-150 (Original) STATION 108+95 to 107+24 CHECKED BY WJW

COUNTY WILL		ROTARY MUD DRILLING	
BORING SB-2		GROUNDWATER SURFACE	
STATION 106+85		IN CREEK 681.7	
Depth	N/6*	Qu	W
ft	tsf	tsf	%
GROUND SURFACE EL. 692.8			
9" AC Pavement over 8" Grey Crushed Limestone Base Course			
Black and Olive Silty CLAY, A-6 to A-7-6			
1	11		4
	5		
	3		
Yellow-Brown and Grey Silty LOAM, A-4			
2	3	1.86	27
	4	B	
	4		
Grey Silty CLAY, A-6			
3	1	0.78	33
	2	B	
	3		
Yellow-Brown and Grey Clay LOAM, A-6			
4	2	0.6	20
	2	B	
	3		
Brown Sandy LOAM, A-4 to SAND, A-3			
5	1	0.39	31
	1	B	
	1		
Grey Silty CLAY, A-6			
6	1	1.33	24
	2	B	
	2		
7	3	-	24
	4		
	3	3.0	
8	2	1.09	14
	2	B	
	4		

N-Standard Penetration Test-Blows per foot to drive 2 inch
 O.D. Split Spoon Sampler 12 inches with 140 lbs. hammer falling 30 inches
 Qu- Unconfined Compressive Strength (tsf)
 W- Water Content-percentage of oven dry weight (%)
 Type failure: B- Bulge Failure
 S- Shear Failure
 E- Estimated Value
 P- Penetrometer

DESIGNED	KMA
CHECKED	AEU
DRAWN	WJH
CHECKED	RGD

BRIDGE FOUNDATION BORING LOG

SHEET 2 OF 2

BORING SB-1

COUNTY WILL		ROTARY MUD DRILLING	
BORING SB-1		GROUNDWATER SURFACE	
STATION 107+75		IN CREEK 681.7	
Depth	N/6*	Qu	W
ft	tsf	tsf	%
CONTINUED			
Grey Silty CLAY, A-6			
13	2	1.24	24
	3	B	
	6		
Grey SAND and GRAVEL, A-1			
14	11	-	7
	19		
Grey Silty CLAY, A-6			
15	11	1.82	17
	4	B	
	7		
Olive-Brown Silty Clay LOAM to SILT LOAM, A-6			
16	15	2.44	12
	11	B	
	11		
Limestone Bedrock			
17	15	2.44	12
	11	B	
	11		
Limestone Bedrock			
18	15	2.44	12
	11	B	
	11		
Limestone Bedrock			
19	15	2.44	12
	11	B	
	11		

BRIDGE FOUNDATION BORING LOG

SHEET 2 OF 2

BORING SB-2

COUNTY WILL		ROTARY MUD DRILLING	
BORING SB-2		GROUNDWATER SURFACE	
STATION 106+85		IN CREEK 681.7	
Depth	N/6*	Qu	W
ft	tsf	tsf	%
CONTINUED			
Grey Silty CLAY, A-6			
13	16	1.75	8
	14		
	14		
Grey SAND and GRAVEL, A-1			
14	3	1.24	17
	4	B	
	4		
Yellow-Brown and Grey Sandy LOAM, A-4			
15	7	1.67	13
	4	B	
	5		
Grey Silty CLAY, A-6			
16	2	1.47	18
	3	B	
	8		
Yellow-Brown and Grey Silty CLAY, A-6			
17	14	-	7
	18		
	14		
Yellow-Brown and Grey Silty CLAY, A-6			
18	20	2.56	11
	15	BS	
	6		
Limestone Bedrock			
19	15	2.56	11
	15	BS	
	6		

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 369	01-00056-15-BR	WILL	31	22
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT-	CONTRACT #: 83894	

WILL COUNTY DEPARTMENT OF HIGHWAYS

SOIL BORING LOGS
 CEDAR ROAD OVER
 JACKSON CREEK
 WILL COUNTY
 SECTION NO. 01-00056-15-BR
 STRUCTURE NO. 099-3381

DATE 4-10-2009

SEC GROUP, INC.

Illinois Professional Design Firm # 184-000108

Engineering • Surveying • Planning • Landscape Architecture

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