

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ILLINOIS DEPARTMENT OF TRANSPORTATION  
District Two Materials  
Selby Twp. - SW 1/4 Sec 1 - T16N, R10E

Units English  
Project Bridge Foundation  
Boring Log

PROJECT BRIDGE I-80 Westbound over Date 07/22/96

ROUTE PAI 80 Brush Creek Bored By C. Jenkins

SEC. 06-07B & 06-07F STA. 1612 + 97.40 Checked By T. Bratt

County Bureau	D E P T H	N	Qu t/sf	W %	Surf Wat El. 174.4 Grndwater El. at Compl Wash At Hrs	D E P T H	N	Qu t/sf	W %
Ground Surface 178.2	0								
SOFT brown SILTY LOAM		0.3	30		VERY STIFF gray SILTY CLAY TILL		3	2.3	14
							4	B	
							9		
SOFT brown SILTY CLAY with SAND on bottom of sampler		2	0.4	28	Same as above		2	2.1	15
							5	B	
							7		
First Encounter V LOOSE tan dirty SAND & GRAVEL		1			HARD brown SILTY LOAM TILL		9	6.8	10
							10	S	
							14		
LOOSE dirty gray SAND & GRAVEL		1			Same as above		4	4.3	11
							6	S	
							10		
Same as above		2			Same as above		9	4.3	12
							11	B	
							16		
MEDIUM dirty gray SAND & GRAVEL		6			Same as above		8	4.3	11
							10	B	
							13		
Begin Wash LOOSE dirty gray SAND & GRAVEL		2			Same as above		8	4.1	11
							12	S	
							14		
STIFF gray SILTY CLAY TILL		4	1.9	16	STIFF brown SILTY LOAM TILL		3	1.6	11
							6	B	
							9		
VERY STIFF gray SILTY CLAY TILL		4	2.1	17	VERY STIFF brown SILTY LOAM TILL		4	2.3	11
							7	B	
							10		
next column									
N-Std Pentr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fall. B-Bulge S-Shear E-Estimated P-Penetrometer)									

Units English  
Project  
Route PAI 80  
Sec. 06-07B & 06-07F  
County Bureau

Sh. 2 of 2

Boring No. B-3 Sta 1613 + 78 O/S 59' Lt. Med. CL	El.	N	Qu t/sf	W %	El.	N	Qu t/sf	W %
VERY STIFF brown SILTY LOAM TILL	-45		7	2.1	12			
			8	B				
			13					
VERY STIFF gray SILTY LOAM TILL			3	2.7	14			
			5	B				
			8					
Same as above	-50		8	2.5	14			
			10	S				
			12					
STIFF brown SILT			1	1.7	24			
			3	B				
			7					
STIFF dark gray SILT	-55		5	1.5	23			
			4	B				
			7					
VERY STIFF gray/green SILTY CLAY			3	2.3	21			
			4	P				
			8					
VERY STIFF green with orange mottling SILTY CLAY TILL	-60		3	2.1	28			
			6	B				
			7					
VERY STIFF tan SILTY CLAY TILL			6	3.5	21			
			7	B				
			11					
HARD tan SILTY CLAY TILL	-65		5	6.8	16			
			11	B				
			15					
HARD tan SILTY CLAY TILL			8	6.5	17			
			13	B				
			15					
END OF BORING	-70							

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Units English  
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PROJECT BRIDGE I-80 Westbound over Date 07/11/96

ROUTE PAI 80 Brush Creek Bored By C. Jenkins

SEC. 06-07B & 06-07F STA. 1612 + 97.40 Checked By T. Bratt

County Bureau	D E P T H	N	Qu t/sf	W %	Surf Wat El. 172.4 Grndwater El. at Compl At Hrs	D E P T H	N	Qu t/sf	W %
Ground Surface 178.1	0								
VERY SOFT black SILTY CLAY		0.0	34		STIFF gray TILL		10	1.5	16
							14	P	
							14		
VERY SOFT Same as above		0	0.2	46	HARD brown SILTY CLAY TILL		7	4.1	11
							8	S	
							12		
MEDIUM gray CLAY TILL	-5		0	1.0	20		27	3.7	12
							19	B	
							12		
VERY STIFF Same as above	-30		3	2.3	22		4	3.3	12
							7	B	
							11		
STIFF Same as above	-10		1	1.7	18		7	3.5	12
							9	B	
							13		
First Encounter V MEDIUM Same as above with SAND lens		1	0.6	19	Same as above		13	2.7	12
							6	S	
							6		
VERY STIFF gray TILL with SAND & GRAVEL lens	-15		5	4.0	15		14	3.1	12
							13	S	
							15		
HARD gray TILL			13	6.0	10		6	3.1	12
							5	B	
							9		
HARD Same as above	-20		11	10.5	9		8	3.5	13
							10	B	
							11		
next column									
N-Std Pentr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fall. B-Bulge S-Shear E-Estimated P-Penetrometer)									

Units English  
Project  
Route PAI 80  
Sec. 06-07B & 06-07F  
County Bureau

Sh. 2 of 2

Boring No. B-4 Sta 1614 + 92 O/S 59' Lt. Med. CL	El.	N	Qu t/sf	W %	El.	N	Qu t/sf	W %
HARD gray SILTY CLAY TILL	-45		10	4.2	13			
			6	S				
			15					
VERY STIFF gray SILTY CLAY TILL			4	3.9	13			
			7	B				
			10					
Same as above	-50		7	3.1	13			
			12	B				
			12					
Same as above			2	3.0	12			
			11	B				
			7					
STIFF gray SILTY CLAY	-55		5	1.5	20			
			7	B				
			8					
Same as above			4	1.7	20			
				S				
HARD tan/brown SILTY CLAY TILL	-60		4	4.1	24			
			7	B				
			11					
Same as above			6	4.2	24			
			8	B				
			13					
HARD tan SILTY CLAY TILL	-65		7	5.0	17			
			11	B				
			14					
END OF BORING	-70							

DESIGNED - MF
CHECKED - PDF
DRAWN - MF
CHECKED - PDF

BORING LOGS - 2  
STRUCTURE NO. 006-0170 EB  
STRUCTURE NO. 006-0171 WB

SHEET NO. 55	F.A. RTE. 80	SECTION *	COUNTY BUREAU	TOTAL SHEETS 344	SHEET NO. 147
59 SHEETS	FED. ROAD DIST. NO. ILLINOIS		CONTRACT NO. 66908		
FED. AID PROJECT					

TYLIN INTERNATIONAL