Sheet 2 of 2

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS DEPARTMENT OF TRANSPORTATION District Nine Materials Bridge Foundation Boring Log

ROUTE NO.	SECTION	cor	NTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 8
F.A.P. 778	(2-B)-1	SAL	INE	74	20	8 SHEETS
FED. ROAD DIST	. NO. 9	ILLINOIS	FED. AID PRO	SJECT-		

	I	LLINO			T OF TRANSPORTATION ne Materials		Bridge Boring		tion
FAP 778 (ILL Rte 34) Over S	tream						Sheet 1		
Route: FAP 778 St	ructur	e Numbe	ex: 083-	-0046		Date	. 0	8/23/2	200
Section (32-A)-1					Be	ored By	Bryan	Keller	:
County: Saline	Loca	tion: 2	.6 MI.	E. of	ILL 145 Chec	ked By:	R Mobe	rly	
Boring No 2-S Station 435+27	D E P	B L O			Surf Wat Elev: 368.2 Ground Water Elevation when Drilling 359.1	D E P	B L O		
Offset 7' Rt CL	_ T	W	Qu		At Completion 361.6	т Т	W	Qu	l
Ground Surface 381.1 Ft	H		tsf	W%	At: Hrs:	Н		tsf	W%
Asphalt Pavement over Concrete					Very dense, damp, brown, Broken Sandstone				
379.1		1							
Soft, very moist, brown mottled grey, Sitt Loam A-4		2	0.4B	21	353.6				
grey, Sat Loain A-4		2	0.46	2.1	Very dense, dry, brn, Sandstone				
376.6									
Medium, very moist, brown,	5.0	1				30.0	100/1"		
Silt Loam A-4		1	0.85	21					
		1							
	-				1				
374.1		WH			A.				
Soft, very moist, brown, Silty Clay A-6		WH	0.45	24	1				
Sity Clay A-0		WH	0.40	2-1					
					1				
371.6					<u>l</u>				
Stiff, moist, grey mottled brown,	10.0	1				35.0			
Silty Clay Loam A-6		2	1.2B	23	345.6		100/1"		
		2							
369.1									
Stiff, moist, grey mottled brown,		1			1				
Clay A7-6		1	1.78	26	1				
		2			Bottom of hole = 35.1 feet.				
366.6					Free water observed at 22.0 feet				
Stiff, moist, brown mottled grey, Clay to Silty Clay A7-6	15.0	1	1.28	28	Elevation referenced to center	40.0			
Ciay to Sitty Ciay A7-0		2	1.20	20	of existing structure; Crown of		1		
1					finished roadway = 381.5 feet.				
364.1					1				
Medium, moist to very moist,		WH			To convert "N"values to "N60"		l		
brown mottled grey, Silty Clay to		WH	0.68	24	values multiply by 1.25		1		
Clay A7-6		1			4				
					1				
	20.0	1	****		1	45.0	1		
		1	0.88	21	1	75.0	1		
,		i			1		1		
359.1									
Medium, very moist, brown,		4			1		1		
Sandstone Gravel with Clay		8		16	1		1		
Binder		6			<u> </u>]		
					·		1		
356.6					4	_	1		

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

FAP //8 (ILL Rte 34) UVer S	tream						Sheet l	o£2	
Route: FAP 778 St	ructur	e Numbe	r: 083	-0046		Date	:0	8/23/2	000
Section (32-A)-1	_				Во	red By:	Bryan	Keller	
County: Saline	Loca	tion: 2	.6 MI.	E. of	ILL 145 Chec	ked By:	R Mobe	rly	
	Б	В			Surf Wat Elev: 368.2	7			
Boring No 1-3	- E	L			Ground Water Elevation	P	B		
Station 436+00	_ F	ō			when Drilling 362.4	_ E	ō		
Offset 7' Lt CL] †	w	Qu		At Completion 370.9	-	w	Qu	
Ground Surface 381.9 F	Н		tsf	W%	At: Hrs:	-1 i l	**	tsf	W%
Bituminous Pavement					Soft, very moist, brown to grey,		WH	4.0B	22
over Concrete	~~~~				Silty Clay A-6		WH		
380.4									
Marie Company			····		354.9				
Medium, very moist, brown, Silt Loam A-4		2	0.00		Very soft, very moist,		WH		
Loam A-4		4	0.9\$	32	grey, Silty Clay A-6		WH	0.28	21
		4					WH		
					352.4				
	5.0	1			Soft to medium, very moist,	30.0	WH	·	
		2	0.6B	20	Silty Clay A-6 with Sand seams		1	0.5B	20
		1					1		
	_				li .		,	-	
374.9					349.9				
Stiff, moist, brown mottled grey, Silt Loam A-4		2	1.2B	18	Stiff, very moist, brown mottled		WH		
Oil Edani A-4		3	1.20	10	grey, Slity Clay A7-6 with some Gravel		1 2	1.18	21
					Clavei				
372.4					347.4				
Medium, moist, grey mottled	10.0	2			Stiff, very moist, brown mottled	35.0	1		
brown, Sitty Clay to Sitty Clay		2	0.68	22	grey, Silty Clay A-6		2	1.3B	26
Loam A-6 with some Gravel		11					2		
369.9	_	ł			344.9				
Stiff, moist, grey mottled brown,		1			Soft, very moist, grey.		WH		
Silty Clay to Silty Clay Loam		3	1.2B	22	Clay A7-6		WH	0.4B	30
A-6 with some Gravel		2					1	0.45	30
•					1				
367.4					342.4				
Very stiff, moist, brown mottled	15.0				Very soft, very moist, grey, Clay	40.0			
grey, Sitty Clay A-6	_	1	2.1B	23	to Silty Clay A-6		WH	0.2B	26
		 			1		WH		
364.9		i			1				
Stiff, very moist, brown mottled		1			1				
grey, Silty Clay to Clay A-6		1	1.1B	24	338.9				
		2							
		ļ			Hard, dry, grey, Sandstone				
Madium yang majat banga	20.0	1881			4	45.0	100/41		
Medium, very moist, brown, Silty Clay to Clay A-6	own, 20.0 WH 45.0 100/1" WH 0.6B 26								
only only to viay A-0		WH	0.00	20	1				
		 			Auger Refusal 335.4		 		
359.9		1					1		
Medium, very moist, brown		WH			Cored from 46.5 to 51.5 feet		l		
to grey, Clay to Silty Clay		1	0.9B	24	37% Recovery		l		
A7-6		1_1_			25% RQD		l		
357.4		1			Very dense, dry, grey, Sandstone		l		
357.4									

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

25.0 WH

								2 of 2	
Route: FAP 778	-					Date		08/2	23/20
Section: (32-A)-1									
County: Saline									
Boring No: 1-S	D	В				D	В		
	∣ ⋷ ∣	L				E	Ł		l
Station: 436+00	- P	0				P	0	1	
Offset: 7' Lt CL	⊣ ⊺	w	Qu			T	W	Qu	
Ground Surface: 381.9 F	t H		tsf	W%		Н		tsf	W*
330.4									
Cored from 51.5 to 56.5 feet									
100% Recovery	-								
77% RQD	-					\dashv			
Very dense, dry, grey, Sandstone									
	55.0					80.0			
	\dashv								
325.4									
325.4									
•						_			
Bottom of hole = 56.5 feet					•				
	60.0					85.0			
Free water observed at 19.5 feet									
Elevation referenced to center									
of existing structure; Crown of finished roadway = 381.5 feet					į				
от нивлюч гоасмау = 301.5 1991									
To convert "N"values to "N60"									
values multiply by 1.25		1							
, , -,		j			_				
	65.0]			,	90.0			
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	70.0	1				95.0			
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İ	75.0	1				100.0	ł		

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

DESIGNED SBM

CHECKED KMN

DRAWN MSJ

CHECKED WCC

SOIL BORING LOGS

IL. ROUTE 34 OVER UNNAMED TRIBUTARY

TO SOUTH FORK SALINE RIVER
FAP ROUTE 778 - SEC. (2-B)-1

SALINE COUNTY

STATION 435+63

STRUCTURE NO. 083-2015