STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS DEPARTMENT OF TRANSPORTATION District Nine Materials

Bridge Foundation Boring Log

FAP 877 (IL 141) Over Trib	Cane C	reek			ne materials	5	Sheet 1	of 1	
Route: FAP 877 (IL 141 St	ructur	e Numbe	er: 097-	-0037		Date:	:	10/3/20	07
Section 101-BR-3			-		Bo	red By:	RM		
County: White	Loca	tion: 1	7S, R91	E, Sec	16 Check	ed By:	RM		
Boring No 1-S Station 239+36 Offset 10' Lt CL Ground Surface 392.5Ft	D E P T H	B L O W S	Qu tsf	W%	Surf Wat Elev: 375.0 Ground Water Elevation when Drilling 362.5 At Completion At: Hrs:	- D E P T H	B L O W S	Qu tsf	W%
Asphalt, Concrete and soil					Medium, very moist, dark brown, Silty Clay Loam A-6		2 3	0.9B	3
390.5	*****				365.5				
Medium, moist to very moist,	******	1		-	Medium, very moist, grey, Clay to		1		
brown mottled grey, Silty Clay to Silty Clay Loam A-6	**************************************	2 2	0.8B	23	Silty Clay A7-6		2 1	0.7B	2
388.0		W						~~~*********************	
Stiff, moist, grey mottled brown, Silty Clay Loam A-4	5.0	2 4 5	1.7S	18		30.0	1	0.9B	2
w	*********	5	***************************************		360.5		2		
w.		1 3 4	1.18	20	Medium, very moist, grey mottled brown, Clay A7-6		1 1 2	0.7B	2
-	10.0	1	**************************************	61.064.We 19 40 40 10 M 40 14 M		35.0	1		
	200000000000000000000000000000000000000	3 4	1.2B	22			2 2	0.8B	2
380.5	>866-00000000					*********			
Medium to stiff, very moist, grey mottled brown, Silty Clay A-6		1 2	1.0B	23	355.0 Hard, damp to dry, grey,		8 22	**************************************	
***		3		lan Milandillan planne i Majadan en langui	Weathered Clay Shale		48		
	15.0	1		***************************************	Hard, dry, grey, Clay Shale	40.0	100/2"	************	
		2	0.7B	26	, initial, dry, grey, oray origin		10072		
· vec		Ang deposit principal deposit personal			*************		******		
-	*************	1			Bottom of hole = 49.8 feet				
-		2 2	0.9B	27	Free water observed at 30.0 feet				
373.0 Stiff, very moist, grey mottled	20.0	1			Elevation referenced to BM at SE wingwall; Elev = 390.5 ft	45.0	100/3"		***************************************
brown, Clay to Silty Clay A7-6		2 2	1.6B	28	To convert "N" values to "N60" values multiply by 1.25	40,0	100/3		*************
370.5	0.000000000				************************				
Medium, very moist, grey mottled brown, Clay to Silty Clay A7-6		1 2	0.7B	- 30	Hard, dry, grey, Clay Shale				
brown, olay to olity olay Ar-o		2	V. / D	. 50	•	***********			
368.0	25.0	1			342.5	50.0	100/3"		
ago no como tra como meno quan encon como en tronco manco interna como internacional especial especial entre encode e del Pro-	2, U . U . Managananananananananananananananananana		NO. 14 ST. LEWIS CO. 15			UU.U	100/3	TO A STATE OF THE PARTY OF THE	neconomica en

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

TLLINOIS DEPARTMENT OF TRANSPORTATION District Nine Materials

Bridge Foundation Boring Log

			Distr	ict Ni	ne Materials		Boring 1		
FAP 877 (IL 141) Over Trib			A. A. 100			SERVICE SERVIC	Sheet 1		A.M.
***************************************	ructur	a Numbe	er: 097	-0037	Po	Date red By:	*************	0/3/20	U7
Section 101-BR-3	WW.						************		
County: White	_ noca	CTOIL. I	10, KJ	a, 50C		ced By:	1971		·····
Boring No 2-S Station 240+28 Offset 10' Rt CL Ground Surface 392.5 Ft	D E P H	B L O W S	Qu tsf	W%	Surf Wat Elev: 375.0 Ground Water Elevation when Drilling 367.5 At Completion At: Hrs:	D E P T H	B ∟ O ⊗ s	Qu tsf	W%
Asphalt, Concrete and Aggregate		3000000		egozu gero edo urga verila minore	Medium, very moist, brown, Sandy Loam A-4 75% Sand, 15% Silt, 10% Clay 365.5		13 13		15
Stiff to medium, moist to very moist, grey, Silty Clay Loam A-6		5 5	1.15	16	Hard, damp, brown mottled grey, Weathered Clay Shale		4 7 6	4.1S	20
	5.0	3 3 3	0.98	23		30.0	6 19 27		
		3 3 3	1.18	21	360.0 Hard, dry, grey, Clay Shale		15 100/8"		
	10.0	3	1.18		357.5	35.0	100/2"		
380.5		3			Bottom of hole = 34.7 feet			***************************************	······································
Medium, very moist, grey mottled brown, Silty Clay A-6		1 2 3	0.98	23	Free water observed at 25.0 ft Elevation referenced to BM at	***************************************	Voters and Paris		
378.0 Stiff, very moist, grey mottled	15.0	1	***************************************	***************************************	SE wingwall; Elev = 390.5 ft To convert "N" values to "N60"	40.0			
brown, Silty Clay A-6		2 3	1.5B	25	values multiply by 1.25				
-		1 2 2	1.48	25			Y Andrews		
373.0 Medium, very moist, brown mottled grey, Silty Clay A-6	20.0	1 2 2	0.7B	26		45.0			
370.5 Medium, very moist, brown mottled grey, Sandy Clay Loam A-4		<u>2</u> 5 11	0.68	16					
367.5	25.0	10				50.0	lar, mazino-potenniana		

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

<u>SOIL BORINGS</u> STRUCTURE NO. 097-0073

LIN ENGINEERING,LTD. Consulting Engineers Chatham, Minois	SHEET NO.17	F.A.P. RTE.		SEC	TION		COUNTY	TOTAL SHEETS	SHEET NO.			
	011221 110211	877	101B-1			WHITE	42	32				
		17 SHEETS						CONTRACT	T NO. 7	8084		
	Designed By: SGL Date: 3/2009	Checked By: ESH Drawn By: SGL File: 097-0073.dgn		FED. R	OAD DIST.	NO.	ILLINOIS	FED. AI	D PROJECT			