Illinois Depa of Transport Division of Highways Gesteen Engineering Municipal Street 6380	latioi	1		3(OIL BORING LO	G		Date	12/	27
Municipal Street 6380 ROUTE(4th St.)	DESCR	IPTIO	N	4	th Street over Unnamed Creek	L	ogg	ED BY	·	DE
SECTION89-00027-00-BR	I	LOCA	TION	SEC	. 21, TWP. 8S, RNG. 7E, 3 ^{re} PM,					
COUNTY Saline DRIL	LING ME	THOE		Laur	ude , Longitude HSA HAMMEF	TYPE		Αl	JTO	
STRUCT. NO. <u>083-6008</u> Station <u>9+03.00</u>	D E P	B L O	U C S	M O 1	Surface Water Elev. Stream Bed Elev. 375.60	ft ft	D E P	B L O	U C S	
BORING NO. AN Station 8+83.43 Offset 31.9 ft RT	H	W S	Qu	S T	Upon Completion 354.9	_ ft.▼ _ ft.▽	H	w s	Qu	
Ground Surface Elev. 381.94 Brown TOPSOIL 38	ft (ft)	(/6")	(tsf)	(%)	After 24 Hrs. 375.5 Stiff, Brown to Reddish Brown,	_ ft∑	(ft)	(/6")	(tsf)	ļ
Soft, Brown, Moist, SILTY CLAY LOAM 38	0.44	2		15	SILTY CLAY LOAM with Sandstone Fragments (continued))	_	3	4.4 B	ļ
Soft to Firm, Moist, CLAY SILT LOAM		4			Very Stiff, Gray to Dark Gray,	359.44		1		
		3 2	0.5 B	27	CLÁY SHALE			14 14	7.6 B	
	-5	2					-25	2		
		2	0.6 B	26	STIFF, Black, Friable, COAL	355.94	,	7 18	4.7 B	I
374 Firm, Brown, Moist, SILTY CLAY LOAM	4.44	2	1.9	25		÷		4 26		-
EOAIW		4	В	20		2	Y.	50		
Firm, Brown to Gray, Moist, SILTY CLAY LOAM 369.5	1.94 -10	1 2	2.1	23			-30	20 15		
	9.94	3	В					50		
Firm to Stiff, brown to gray, SILTY CLAY LOAM with Sand Lenses		2	2.9	21			_	50		
	-15	6	В		Borehole continued with rock coring.	347.94	-35			
		1 2 3	1.4 B	23	_		-55			
364	1.44		D							
Stiff, Brown to Reddish Brown, SILTY CLAY LOAM with Sandstone Fragments	-	1 3 6	2.6 B	22			_			
	-20						40			

	of Transpor ivision of Highways extech Engineering nicipal Street 6380	artment tation	ROCK	COR	E LC	G		г	Date 1	21.
ROUTE	nicipal Street 6380 (4th St.)	DESCRIPTION	4th Street o	ver Unname	d Creek		LO			
***************************************		LOCATION , S								_
		L	ititude . Lond	utude	. 5 1 111,		R		CORE	- T
COUNTY	Saline COF	RING METHOD Rotary	Surf Set Diar	NX-2, con	······································		E	R		
STRUCT. NO	083-6008 9+03.00	CORING BARREL	TYPE & SIZE_	dbl,bbl, solid	in. D	С	C	à	T	l
		Core Diameter	2	in	E P	O R	V E	ė	M E	
BORING NO Station	AN 8+83.43	Top of Rock Elev Begin Core Elev.	359.44	ft ft	T	E	R		-	
Offset	31.9 TEKT	-			H (ft)	(#)	(%)	(0/)	(mar) in (64)	
	t Gray to Gray Fine	_ ft Grained, LIMESTONE		3	47.94	01	92	(%) 52	(min/ft)	-
rroadiolou, Eigh	a oray to oray, r mo	ordined, Envisor Ores		•	-35	٠.	J.	02.		
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End of Boring				3	42.94				 	
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LIN ENGINEERING,LTD.

Consulting Engineers

Springfield, Illinois Consulting Engineers

Springfield, Illinois

USER NAME =	DESIGNED - RPW	REVISED
FILE NAME =	CHECKED - LMS	REVISED
PLOT SCALE =	DRAWN - AJF	REVISED
PLOT DATE =	CHECKED - LMS	REVISED