	Illinois De of Transp	partr ortati	ne ion	nt I		SC	OIL BORING LO	G		Page	1	of <u>1</u>
		sportation			ı	าดวะเก	13-06 v proposed traffic signals, 28th			Date	3/1	3/12
	ROUTE FAP 595	DE	SCR	IPTIO	١		03-06 x proposed traffic signals, 38th Avenue with 38th Street North	L	ogg	ED BY	W. 0	3arza
	SECTION(142-1, 142) R		LOC	ATION	_, SE	C., TWP., RNG.					
	COUNTY Rock Island	DRILLING	ME	THOD		Но	llow Stern Auger HAMMER	TYPE	C	ME-45	Auton	atic
	STRUCT. NOStation		D E P	B L O	U C S	M	Surface Water Elev. Stream Bed Elev.	ft ft	D E P	B L O	U C S	M O I
	BORING NO. B-1i		T		Qu	S	Groundwater Elev.:		T	w	-	S
	Station 22+62 Offset 60.00ft Rt Ground Surface Elev. 580.1			_	(tsf)	(%)	First Encounter None Upon Completion Dry After Hrs.	ft	H (ft)	(/6")	Qu (tsf)	T (%)
	STIFF gray CLAY LOAM		_		1.3	30	VERY STIFF gray (Shale) CLAY (continued)			6	3.1	20
			_		P	30	(continued)	558.60		9	s	
	VERY STIFF gray/tan LOAM	578.10	_	4			DENSE gray SHALE	000.00		7		
	- ,		_	4	3.1 P	16	DENOE gray of INCE		_	15		
		576.60	-	6	Р			556.60	_	23		
	VERY STIFF gray CLAY LOAM		-	3			VERY DENSE gray SHALE			100/51		
	, g, e 207		5	4	3.3	21	VERT DENSE gray SHALE		-25	100/5'		
		574.10	-	7	S		End of Boring	554.10				
	STIFF brown LOAM		\neg	2								
	25,44		_	3	1.2	25			-			
		571.60	4	4	В				_			
	STIFF light brown SILTY CLAY			3					_			
	LOAM		-10	4	1.2	23			-30			
		569.10	\exists	6	В							
	STIFF gray/tan CLAY LOAM								_			
	STIFF GIAYMAIT CLAT LOAM		\dashv	4 6	2.0	18			_			
		566.60		9	S				_			
	OTIFF											
	STIFF gray/tan CLAY LOAM		-15	2	1.9	20			-35			
		564.10		8	S				_			
			\dashv						_			
į	VERY STIFF gray/tan CLAY LOAM		-	3 5	3.1	24						
		561.60		9	S	24			-		j	
		-			7				\exists			
	VERY STIFF gray (Shale) CLAY		-20	2					-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

SOIL BORING LOG Date 3/13/12 D92-003-06 x proposed traffic signals, 38th Logode By W. Garza County Rock Island D82-003-06 x proposed traffic signals, 38th Logode By W. Garza D92-003-06 x proposed traffic signals, 38th Logode By W. Garza D92-003-06 x proposed traffic signals, 38th Logode By W. Garza D92-003-06 x proposed traffic signals, 38th Logode By W. Garza Logode By W. Garza D92-003-06 x proposed traffic signals, 38th Logode By W. Garza Logode By												
ROUTE FAP 595 DESCRIPTION	Illinois Der of Transpo	oartm ortatio	ner on	nt		SC	OIL BORING LO	3				_
STRUCT. NO. CME-45 Automatic STRUCT. NO. Station D						92-00 <i>F</i>	3-06 x proposed traffic signals, 38th Avenue with 38th Street North		GGE			
STRUCT. NO.	SECTION(142-1, 142)	R		LOCA	ATION	_, SE	C., TWP., RNG.					
Station	COUNTY Rock Island D	RILLING	MET	аонт	_	Hol	low Stem Auger HAMMER	TYPE .	CN	1E-45	Autom	atic
STIFF brown SILTY CLAY LOAM	Station		E P T	0 W	c s	0 \$	Stream Bed Elev. Groundwater Elev.: First Encounter None	_ft _ft	E P T	L 0 W	C S	0 ! S
STIFF brown SILTY CLAY LOAM	Ground Surface Elev. 587.0	ft	(ft)	(/6")	(tsf)	(%)	After Hrs.	_ft _ft	(ft)		(tsf)	(%)
STIFF brown SILTY CLAY LOAM	STIFF brown SILTY CLAY LOAM	-	_			19		566.00	Ξ		3.5	25
VERY STIFF brown SILTY CLAY LOAM VERY STIFF black/tan gray CLAY LOAM with COAL VERY STIFF tan/gray CLAY LOAM STAR.00 TO B STAR.00 STAR.00	STIFF brown SILTY CLAY LOAM		-	4			No Recovery		_	6		
LOAM	NEON 67155 have 611 54 61 AV	583.50						563.00	_			
LOAM with COAL 3 2.5 32 39 558.50 56		581.00	-5	5		17	DENSE gray SHALE	561.00	-25	13		
VERY STIFF tan/gray CLAY LOAM -10 -10 -10 -10 -10 -10 -10 -10 -10 -1	VERY STIFF black/tan gray CLAY LOAM with COAL	_		3		32	VERY DENSE gray SHALE	550 5A	_	39		
578.00 7 8 2 586.00		-			27	20	VERY DENSE gray SHALE	000.00	_	100/6		
HARD light gray CLAY		576.00		_		20	End of Boring	556.00	_			
HARD light gray CLAY -15 5 5 4.4 16 571.00 -10 8 VERY STIFF tan/gray CLAY -14 10 12 14 3.2 24 558.50 9 P	HARD light gray CLAY	573.50		6		19			Ξ			
VERY STIFF tan/gray CLAY	HARD light gray CLAY	-	_						-35			
LOAM TILL or GRAVEL		571.00		-		16			_			
	VERY STIFF tan/gray CLAY LOAM TILL or GRAVEL	589 50		14		24			_			
	VERY STIFF tan CLAY LOAM	300.00	-20		Ė							

VERY STIFF tan CLAY LOAM .20 2 49

The Unconfined Compressive Strength (UCS) Fallure Mode is Indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

	BORING	3 NO	0. 1							P	age 1 of 1
CLI	ENT CE MOUNE										
SIT	CITY OF MOLINE S 3800 38TH AVENUE	PRO	DJEC	т							
011	MOLINE, ILLINOIS	' ' '	,,,,				SLOP	E ST	JDY		
	Boring Location: Sta. 4+25, 40' left of centerline				SAM	//PLE	S			TESTS	
GRAPHIC LOG	DESCRIPTION Approx. Surface Elev.: 101 ft	DЕРТН, Ř.	USCS SYMBOL	NUMBER	TYPE	RECOVERY, in.	SPT - N ** BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT pcf	UNCONFINED STRENGTH, psf	
	LEAN TO SILTY CLAY WITH ORGANICS (COLLUVIAL DEPOSIT) Gray Soft 3	1		1	ST	8		34	83	*400	C=200 psf C=250 psf
	4 CLAYEY SILT Tan to Brown Stiff		ML	2	ST	17		26 23	95 107	2620	C=1460 psf C=2100
	FAT CLAY WITH FRAGMENTS OF WEATHERED SHALE Brown and Gray Medium to Stiff	5-	CH	3	ST	17		25 20	100 111	1650	psf
	Wedulii to Suii		СН	4	ST	18		19	115	2220	
		10-	CH	5	ST	14		16	104	3985	
	13 88	1	CH	6	ST	10		13	115	2950	
	MODERATELY WEATHERED SHALE*** Gray	:		7	ST	18	87	13			
	Thinly bedded Medium	15-		8	ST	18	50/3"	11			
				9	ST	14	50/5"	10			
	23 78	20-			NB						
	BOTTOM OF BORING 78										
The	stratification lines represent the approximate boundary lines yeen soil and rock types: in-situ, the transition may be gradual.						**	CME 1	40 lb. S	*Pocket PT autor	Penetrometer natic hammer
_	TER LEVEL OBSERVATIONS, ft				Т	BOR	ING ST				4-14-03
WL	₹1 W.S. ¥	_		_	_1	BOR	ING C	OMPL	ETED		4-14-03
WL	Terr	ال		Jľ	11	RIG			93 F	OREMA	AN JC
WL					-1	APP	ROVE) \//	KB J	OR#	07035019

(Sheet 1 of 4)



	USER NAME =	DESIGNED - TBP	REVISED ADDENDUM 1 8/15/2013
٠	FILE NAME =	CHECKED - VPT	REVISED
	PLOT SCALE =	DRAWN - AJF	REVISED
	PLOT DATE =	CHECKED - MTH	REVISED