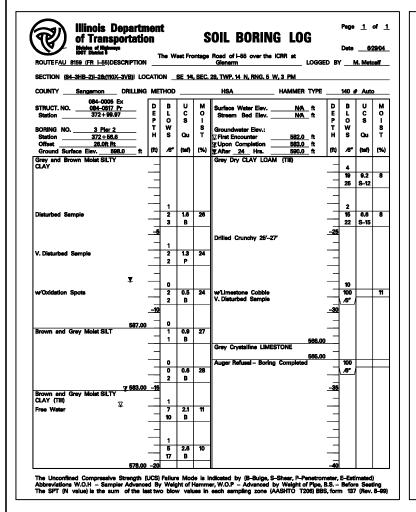
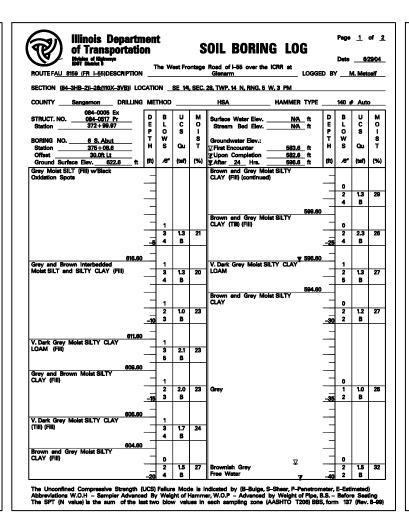
## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



Illinois Departm of Transportation				S	OIL BORING LO	G				
Division of Highways	т	he W	est Fro	ntage	Road of I-55 over the ICRR at			Date		30/04
ROUTE FAU 8159 (FR 1-55) DESCRIPTION	_				Glenerm	LOGGE	) BA		A. Metc	alf
SECTION (84-3HB-2)1-28(110X-3VB)1 LO	CATIC	)N _	SE 14	, SEC.	28, TWP. 14 N, RNG. 5 W, 3 PM					
COUNTY Sangamon DRILLING METHOD					HSA HAMMER TY		140 # Auto			
084-0005 Ex	ь	В	U	м	Curton Motor Flor		ь	В	u	м
STRUCT. NO. <u>084–0517 Pr</u> Station <u>372+99.97</u>	E	Ĺ	Č	0	Surface Water Elev. N/A Stream Bed Elev. N/A	_ft _ft	E	Ĺ	c	Ö
	P	o W	s	8		_	P	w	S	S
BORING NO. <u>5 Pier 3-4</u> Station <u>374+10.6</u>	н	Š	Ou	Ť	Groundwater Elev.:		н	s	<b>Օա</b>	Ť
Offset 23.0ft Lt					▼Upon Completion 577.3					
Ground Surface Elev. 603.3 ft	(ft)	/6"	(tel)	(%)	After 312 Hrs. 594.8	î ît	(ft)	/6"	(tef)	(%)
Grey and Brown Molet SILTY CLAY LOAM (FIII)	4				Grey and Brown Moist SILTY CLAY (Till) (continued)		4			
		2						0		
		2	1.9	22	Grey V. Moist V. Weathered			0	0.3	18
		4	В		SILTY CLAY (Till) Sempler Advanced by Weight of			0	В	
Yellowish Brown and Grey Moist					Hammer					
SILTY CLAY	-	1				579.30	-	2		
	$\exists$	3	1.0	23	Grey Moist CLAY LOAM (Till)			7	6.2	10
w/Orange Oxidation Spots	5	3	В				-25	16	S-14	
	_				.	<b>z</b> .	$\dashv$			
		1			-	•				
Grey and Brown	$\exists$	2	2.2	28						
	-	4	В				-			
<b>T</b>	_									
-	二	1					コ	5		
	-	3	1.6 B	29	Large Limestone Clast in Semple	r	ا	18 22	4.5 S-15	8
	10		_				-30		0-13	
592.30										
Grey Moist SILT w/Brown Oxidation Spots	_	2	0.8	25			_			
		4	B	25						
							_			
		_								
Dark Grev Moist SILT	$\dashv$	2	1.0	24	Patched Qu Sample		$\dashv$	23	3.6	10
	-15	3	В				-35	30	S-15	
	ゴ									
		0				E00 6-	-			
Free Water	+	Ť	1.0	26	Grey Crystalline LIMESTONE w/	566.80	$\dashv$			
	コ	2	В		Thin Layers of Grey Moderately Indurated SHALE	565.80	╛	38		
Grev and Brown Moist SILTY	=				Auger Refusal - Adjusted Sample	, -	-1	100 /5" /		
CLAY (Till)	$\dashv$	0			Increment - Boring Completed		-	<i>(</i> 0)		
	J	2	1.1	26			$\exists$			
	-20	2	В				-40			
The Unconfined Compressive Strength (	UCS)	Failur	e Mod	le is i	ndicated by (B-Bulge, S-Shear, P-I	enetrom	eter.	E-Esti	mated	



Illinois Dep of Transport Motor of Transport Route FAU 8150 (FR 1-55)DESCRI	<b>tation</b>	The W		ontage		Page <u>2</u> of  Date <u>6/290</u> BY <u>M. Metcalf</u>
SECTION ( <u>84-3HB-2)I-2&amp;(110X-3VI</u> COUNTY Sangamon DR				, SEC.	28, TWP. 14 N, RNG. 5 W, 3 PM  HSA HAMMER TYPE	140 # Auto
084-0005 Ex						1 7 7460
STRUCT. NO. 084-0517 Pr Station 372+99.97	_   E	L	C	M 0 1	Surface Water Elev. N/A ft Stream Bed Elev. N/A ft	
BORING NO. <u>6 S. Abut</u> Station <u>375+08.6</u> Offset 30.0ft Lt	_	S	Ou	S	Groundwater Elev.:  ☐ First Encounter	
Ground Surface Elev. 622.6	_ n (n	h) /6"	(tel)	(%)	▼After 24 Hrs. 596.6 ft	
Brown and Grey Moist SILTY CLAY (continued)						
Grey Moist CLAY LOAM (Till) w/	579.60	3				
Frequent Fine Grained SAND Seams Drilled Around Possible Boulder	_	4	3.8	11		
Drilled Around Possible boulder		45 18	В	$\vdash$		
	-	3				
	_	_				
	_	12 50 26		10		
	_					
	_	1				
	_	∄.				
Grey Dry	<u> </u>	19 RK 30	6.2 B	10		
	567.10	<u> </u>				
Trace of SHALE in Spoon Auger Refusal – Adjusted Sample	566.60	30 100 /2"	E	E		
Increment - Boring Completed  Refer STA to N. Abutment =						
370+81.6 STA Increase to South Refer Elevation to BM EB-4 =	_	-				
627.1	- 4	50		<u></u>		

## <u>SOIL BORING LOGS</u> <u>STRUCTURE NO. 084-0517</u>

SHEET NO. 27	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
	8159	110X-3VB-4	SANGAMON	78	52				
27 SHEETS			CONTRACT	NO. 72	692				
	ILLINOIS FED. AID PROJECT								