TA	JD.	LE					BORING No. B-1	wate	r level	reading
ENGINEERING CONSULTANTS Client: Clay County Highway Dept. Driller: Noble Engineering Consultants		County: Clay, IL			Sheet No. 1 of 2		1st encounter: 8'			
		Weather: overcast Date Start: 3-08-11			Temperature:low 50's Surface Elevation: Bridge Deck		r level	reading 6' @ 17hrs		
							oletion			
Locati	ocation: Structure #3123 Stanford		Date Finished: 3-08-11			Driller: Eric Seals	Backfill:		Soil cutting	
Depth:	Sample No.	Sample Depth	N-Value	Blow Count	Recovery (%)	Qp (tsf)*	Soil Description	w %	USC Class.	Elev.**
1			<u> </u>		<u> </u>	-		 		-2
2	SS-1	1.0'-2.5'	6	2-2-4	30	0.5	0.0'-6.5' silt, clay, sand, etc POSSIBLE FILL	25.6	FILL	-3
3										-4
1	55-2	3.5'-5.0'	6	2-3-3	30	0.5	•	20.8	FILL	-5
5							·			-6
6	55-3	6.0'-7.5'	3	2-1-2	100	-	6.5'-9.0' SILTY FINE SAND, wet, very loose, brown	25.9	SM	-7
7			1							-8
3				ļ						-9
9	SS-4	8.5'-10.0'	11	1-5-6	100	1.25	9.0'-19.0' SILTY CLAY, trace to some sand, trace to some gravel, stiff to	16.5	α	-10
10	*********	7	y	·			medium, brown			-11
11				<u> </u>			_			-12
12			,	, ——	ļ					-13
13		T	T							-14
14	SS-5	13.5'-15.0'	9	3-5-4	100	0.5		31.9	а	-15
15				ļ						-16
16					ļ					-17
17 18										-18
19	55-6	18.5'-20.0'	19	5-7-12	100	1.75	19.0'-49.0' CLAY, trace to some sand, trace to some gravel, stiff to medium,	17.5	СН	-19 -20
20		 				 	gray			-21
21		l				 	8-1	 		-22
22						1				-23
23		,				1				-24
24	SS-7	23.5'-25.0'	. 21	5-9-12	100	1.25		19	СН	-25
25			<u> </u>			1	•	 		-26
26										-27
27										-28
28										-29
29										-30
30	SS-8	28.5'-30.0'	19	5-8-11	100	1.0		21.5	СН	-31
		SA (2-1/4" id)		comments	* Qp test is	an estimate	e of the unconfined compressive strength performed			
Depth: 0		L					l spring loaded cylinder			
	Mobile B-				** ground surface elevation at boring location is estimated and is not surveyed					
Sampling	: split-spc	on (SS)			1		•	1	1	

N	OB	LE	•				BORING No. B-1	wate	r level	reading
ENGINEERING CONSULTANTS			County: Clay, Il.			Sheet No. 2 of 2		1st encounter: 8'		
			hway Dept.	Weather: Overcast			Temperature:low 50's	water level reading		
	Oriller: Noble Engineering Consultants						Surface Elevation: Bridge Deck	@completion 6' @17 h		
			Date Finished: 3-08-11			Driller: Eric Seals	Backfill:		Soil Cuttin	
Depth:	Sample No.	Sample Depth	N-Value		Recovery (%)	Qp (tsf)*	Soil Description	w %	USC Class	Elev.**
31		 								-32
32										-33
33		 								-34
34	SS-9	33.5'-35.0'	10	3-5-5	100	0.75	19.0'-49.0' CLAY, trace to some sand, trace to some gravel, stiff to medium,	23.8	CH	-35
35							gray			-36
36										-37
37										-38
38										-39
39	SS-10	38.5'-40.0'	8	3-3-5	100	0.75		24.3	СН	-40
40										-41
41		<u> </u>		<u> </u>						-42
42				r				 	ļ	-43
43			1					-	 	-44
44	SS-11	43.5'-45.0'	12	2-6-6	100	1.0		21.9	СН	-45
45	ļ	<u> </u>	1					ļ		-46
46 47								ļ	-	-47
48	 			 						-48 -49
49	SS-12	48.5'-50.0'	134+	8-34-100/3"	100	-	49.0'-49.8' HIGHLY WEATHERED SHALE	9		-50
50						-			-	-51
							EOB 49.8'			
	ļ							ļ	ļ	
									-	
			<u> </u>	<u> </u>		 		-	ļ	
		<u> </u>								
						-				-
Drilling	Method: F	ISA (2-1/4" ld)	,	comments	* Qp test is an estimate of the unconfined compressive strength performed			†	1	1
Depth:	O' to 49.8'				by a compact calibrated spring loaded cylinder					
Drill Rig	: Mobile B	47			** ground surface elevation at boring location is estimated and is not surveyed					
Samplin	g: split-spo	on (SS)						ļ		

BORING 1

F	ILE NAME = 110175-sht-bridge.dgn	USER NAME =	DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS CLAY COUNTY HIGHWAY DEPARTMENT	BORINGS	T.R. SECTION	COUNTY TOTAL SHEETS NO.
	HAMPTON, LENZINI AND RENWICK, INC.	CI	CHECKED - S.W.M.	REVISED - REVISED - REVISED -		STRUCTURE NO. 013-3238	355 07-11130-00-BR	CLAY 29 28
RL	SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM	PLOT SCALE =	CHECKED - S.W.M.			SHEET NO. 10 OF 11 SHEETS	STANFORD ROAD DISTRICT	CONTRACT NO. 95667
	LS / PE / SE CORP. 184.000959	PLUI DATE - 3///2012	CHECKED - 3.W.M.			Sheet No. 10 or 11 SheetS	ILLINOIS FE	ED. AID PROJECT BROS-0025(070)