STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

	-				IL BORING LOG				
SECTION 64-1VBR	ESCR							7/23,	
		IPHO	N		Structure Boring LC	JGG	FDBI		CI
COUNTY St Clair DRILLIN	۱	LOCA	ION_	Bridge	crossing UPRR and Prairie Dupont Canal -	Nort	th of D	upo, Si	EC., TW
Ditter	IG ME	THO		C	ME 75 WHSA HAMMER TYPE		Auto	matic	
STRUCT. NO. <u>082-0030 (ex'sling)</u> Station BORING NOB-102	D E P T	o W	u c s	M O I S	Surface Water Elev. ft Stream Bed Elev. ft Groundwater Elev.:	D E P T	B L O W	U C S	M 0 !
Station 278+00	н	_	Qu	т	First Encounter 389.0 ft ▼ Upon Completion ft	н	s	Qu	Т
Ground Surface Elev. 405.0 ft SANDY CLAY AND SILT (74074)	ij.	(76)	(tsf)	(%)	After Hrs ft SILTY CLAY: Gray, low plastic, 384.5		(/6")	(tst)	(%)
DIL AND CHIP 404: RUSHED ROCK 403.	9	3			some sand (A-4) (continued)		-		
FILL: Brown and brownish gray ow plastic silty clay, trace sand	_	4	1.3 B	14	CLAY: Gray, high plastic, with deposits of gray low plastic silty		0 2	0.9 B	41
A-6) Trace cinders	_	,	В		clay, some sand (A-7) 382,0	_	-	В	
401.	2				CLAYEY SILT: Gray, low plastic, some sand	-	0		
SILTY CLAY: Brown, low plastic A-6)		1	0.2	34	(A-4) 381.0 CLAY: Gray, high plastic, with	-	0	0.6	45
399	5	1	В		deposits of gray low plastic slity clay, some sand 379.5	-25	U	В	
CLAY: Brown and gray, high plastic, with deposits of brown low		1	ļ		(A-7) SANDY SILTY CLAY: Gray, with		0		
blastic silty clay A-7)	_	3	1.5 B	30	deposits of gray high plastic clay	_	0	<0.25 P	35
,	_	3	В		377.0		4	-	
	_	0			SAND: Gray, fine to medium (A-3)		0		
	_	1	0.7	37			0	-	
	-10	1	В	-	With fine gravel deposits	30	0		
		0			Started mud rotary at 30 feet.	_			
	_	2	1.0	40		_			
		2	В			-			
		0					1 4		
		1	1.1	48			7	-	
	-15	2	S/15			-35	10		-
	<u>*</u> _	1							
Becomes gray	-	1	1,1	33					
	_	2	S/15			_	1		
385.		0	0.5	38		_	13		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)

Illinois Depa of Transpor		nt 1	sc	OIL BORING LOG		_	<u>2</u> (of <u>3</u>	
ROUTE FAP 312 (IL 3) DE	SCRIPTIC	N		Structure Boring Lo	ogg	ED BY	s	<u> </u>	
SECTION 64-1VBR	LOCA	TION	Bridge	crossing UPRR and Prairie Dupont Canal	Nort	h of D	upo, Si	EC., T	WP., 8
COUNTY St. Clair DRILLING	METHO	D	Ç	ME 75 w/HSA HAMMER TYPE		Auto	matic		
STRUCT. NO.	D B L P O T W H S (ft) (/6")	U C S Qu (tsf)	M O I S T	Surface Water Elev. ft Stream Bed Elev. ft Groundwater Elev.: First Encounter 389.0 ft \(\bar{\textsf{Y}} \) Upon Completion ft After Hrs. ft	D E P T H	B O W S	U C S Qu (tsf)	M O I S T	
SAND: Gray, fine to medium (A-3) (continued)				SAND: Gray, fine to medium (A-3) (confinued)					
	6 11 45 20			Grades to fine to medium sand Grades to fine sand	-85	10 19 23			
	7 11 -50 12	-			-70	8 9 25	-		
Grades to fine to ocerse sand	3 5 -55 8	-		Some gravel	-75	13 18 23	-		
Some wood fragments	15					14			
Grades to fine sand	27 27 37	-				26 25	NR		

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AASHTO Classifications are based on visual classifications unless otherwise noted
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	epartment cortation	SOIL BORING L	. OG
DOUTE		Structure Boring	Date 7/23 24/08
	-	Bridge crossing UPRR and Prairie Du	
		CME 75 WHSA HAM	
STRUCT. NO. 082-003C (existing)	- E L C F O S T W C C C C C C C C C	Upon Completion	ft E L C O S I S S S S S S S S
SAND. Gray, fine to medium (A-3) (continued) Grades to fine to medium sand	2 -12 -12 -86 23	SAND: Gray, fine to medium (A-3) (continued)	.155
Grades to medium sand, trace fine gravel	2 4 - - 6 - 7 - 7	Refusal at 110.0 feet with tri- bit on limestone.	
Becomes grayish brown fine to medium sand	2 3 7 -95 10 -		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
AASHTO Classifications are based on visual classifications unless otherwise noted BSS, form 137 (Rev. 8-99)

DESIGNED
CHECKED
DRAWN AJF

CHECKED EML

HORNER & SHEEL SHIFRIN, INC.
ENGINEERS

	<u>BORING LOGS</u>						
	<u>STRUCTUR</u>	RE M	0. 082	<u>-0038</u>			
F.A.P.	SECTION	CC	YTNUC	TOTAL			

SHEET NO. 45

SHEET NO. 45

AB SHEETS

F.A.P. RTE. SECTION COUNTY SHEETS NO. SHEETS NO. ST. CLAIR 259 97

CONTRACT NO. 76882

ILLINOIS FED. AID PROJECT