Illinois Departm of Transportation	n			S	OIL BORING LOG			
Division of Highways Illinois DOT						Date	12/	14/0
ROUTE DES	CRIP	TION	_		FAI 57 Over Kankakee River LOGG	ED BY	Larry	Му
SECTION140BR	_ L0	OCATI	ION _	NE 1/4	, SEC. 9, TWP. 30N, RNG. 13W, 2nd PM			
COUNTY KANKAKEE DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automath								
046–0136 (Prop.) STRUCT. NO. 046–0004 (Exist.) Station 260+90	D E P	ВГО	U C S	M 0 1	Surface Water Elev ft E Stream Bed Elev ft P	B L O	% ∩ C	0
Offset 15 00ft W of CL SR 157	T H	W S (6")	Qu (tsf)	S T (%)	Groundwater Elev. T First Encounter	W S (6")	Qu (tsf)	S T (%
Ground Surface Elev. 611.10 ft Augured Bituminous, Brown Sandy Clay Loam Fill.	-	101	(tSI)	(70)	After Hrs ft (ft) Very Soft Brown Loam (continued)	4 8	1.5	8.
	_					10	P	
608.60 Stlff Brown Sandy Clay Loam, Sandy Loam, Sand Fill with Oversize Concrete/Rock Debris.	-	2	1.5	10.7	Stiff Light Brown Silty Loam/Silty Clay Loam with Large Gravel Pleces.	4 14	2.0	7.
e	_5	8	Р		Hard Gray Silty Loam Till with28	23	Р	
-	Ĭ	4 5 8	1.8 P	17.8	Large Gravel Pieces (Limestone/Dolomite).	9 19	4.0 P	5.
-	_	8	Р		W=Washed Sample	17	٢	
-	7	6 4 3				16 18 28	4.3 P	5.
Stiff Brown Silty Clay Loam Till	-10	3						
-	\pm	2 3	1.0 P	16.8	_	24 29	4.3 P	3.
-	_	2				13		
597.10	=	7 5				34 39	4.5 P	5.2
Stiff Dark Brown Silty Clay/Silty Loam.	_15	1				18		
-	Ⅎ	2	1.0 P	20.2		35 50	4.5 P	3.8
Very Soft Brown Loam.	=	WH			 _ 573.02	40		
-	+	1		17.6	Auger Refusal at 38' on Cobble or Boulder End of Boring	1001")		2. W
1	_20				_4(

Illinois Departm of Transportatio	n			S	OIL BORING LOC	3		Data	12	45/0/
Illinois DOT	SCRIF	PTION			FAI 57 Over Kankakee River	L	OGGE			
SECTION 140BR										
COUNTY KANKAKEE DRILLING	ME	THOD	_	Hollo	ow Stem Auger HAMMER	TYPE	_	Auto	matic	
046–0136 (Prop.) STRUCT. NO. 046–0004 (Exist.) Station 260+90	D E P	B L O	U C S	М О І	Surface Water Elev Stream Bed Elev	_ ft _ ft	D E P	B L O	U C S	М О І
BORING NO. <u>10 SB South Abutment</u> Station 264+98.67	H	W S	Qu	S T		_ ft	T H	W S	Qu	S T
Offset <u>15.00ft W of CL SB I57</u> Ground Surface Elev. <u>611.15</u> ft	(ft)	(/6")	(tsf)	(%)	Upon Completion <u>washed</u> After Hrs		(ft)	(/6")	(tsf)	(%)
Augured Bituminous, Brown Fill Sand.	_				Very Loose Brown Fine to Coars Loamy Sand with Coarse Gravel at 23.5'.	е	_	1 3 4		W
608.65	_				W=Washed Sample (continued)		_			
Soft to Very Soft Brown Sandy Loam Fill.	_	2	0.3	6.9			_	2		18.0
		2	P					4		
		2	0.3	8.8			<u>-25</u>	7 12		10.5
	_	1	P		Very Stiff Gray Silty Clay Loam	584.65		15	4.0 P	1010
	_	wн			TIII.		_	6		
	-	1 2	0.3 P	10.0	W=Washed Sample		_	8 14	2.3 S	8.8 W
	_ _10				Very Stiff Gray Silty Clay Loam	581.65	_30			
	_	1 1 1	0.3 P	12.0	with Layers of Silt. W=Washed Sample		_	10 14 16	2.0 P	16.4 W
	_	'					_	10	'	**
	_	WH 1	0.3	11.0			_	12 21	2.5	14.0
	_	1	Р				_	19	Р	
	<u>–15</u>	WH					<u>-35</u>	4	3.0	12.0
	_	1					_	17	3.0 P	W
593.65 Very Loose Brown Fine to Coarse	_	1					_	6		
Loamy Sand with Coarse Gravel at 23.5'.	_	1 2		21.8			_	14 16	3.2 S	7.0 W
W=Washed Sample	_ _20				Hard Gray Clay.	571.65	 _40			

Illinois Departn	nen	ıt						Page	2	of <u>2</u>
of Transportation Division of Highways Illinois DOT	n			S	OIL BORING LO	3		Date	12	15/04_
ROUTE FAI 57 DE	SCRII	PTION	_		FAI 57 Over Kankakee River	ьо	GGE	D BY	Larry	Myer
SECTION 140BR	_ ı	OCAT	ION _	NE 1/4	, SEC. 9, TWP. 30N, RNG. 13W, 2nd	РМ				
COUNTY <u>KANKAKEE</u> DRILLING	ME	THOD		Hollo	ow Stem Auger HAMMER	TYPE _		Auto	matlc	
O48-0136 (Prop.)	D E P T H	B L O W S	U C S Qu (tsf)	M O I S T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter Upon Completion washed After Hrs.	_ ft _ ft _ ft	D E P T H (ft)	B L O W S	U C S Qu (tsf)	M O I S T (%)
Hard Gray Clay (continued)	_	6	F.0	15.7	Very Dense Gray Fine Sand to Coarse Gravel (Potential Cobble).			48		0.0
	_	10 18	5.9 S	15.7	Loamy.			40 30		6.2 W
	_				W=Washed Sample (continued)		_			
Very Dense Gray Loamy Fine	_	30 30				-	Ξ			
Sand/Coarse Gravel. W=Washed Sample		30		8.0			_			
Dense Gray Fine Sand to Coarse Gravel, Loamy with Layers of Sandy Loam.	<u>-45</u>	12		(W)			-65	22		
W=Washed Sample		12 18		13.0 W				41 80		8.0 W
	-50	12				-	-/0	60		
	_	21 20		8.6 W		539.65	_	41 39		9.0 W
					End of Boring	-				
	<u>-55</u>	18 25		9.0			-75 			
553,15	_	25		w		-				
1	-60	l	l	ı			-80			ı

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, form 137 (Rev. 8-99)

DESIGNED	-	DAVID H. RICHTER	EXAMINED		Joune Fix
CHECKED	-	JUSTIN T. BELUE		ACTING	ENGINEER OF BRIL
ORAWN	-	MICHAEL B. MOSSMAN	PASSED	C	D Carl Pro
CHECKED	-	J.T.B. / D.H.R.		ACTING ENGIN	EER OF BRIDGES

Joyne F. Jelly	DATE -	OCTOBER 4, 20
ACTING ENGINEER OF BRIDGE DESIGN		
& Carl Prover	REVISED	
IG ENGINEER OF BRIDGES AND STRUCTURES	REVISED	