STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	cox	JNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 44			
F.A.S. 1671	‡	DOUG	LAS	181	128	46 SHEETS			
FED. ROAD DIST. NO. 7		ILL INDIS	PED. AID PRI	DJECT-					

Contract #70258 ‡ 22VBR-1 and 144SBR-2

Illinois Dep of Transpor	artii tatin	ien	ı		S	OIL BORING LOG	ı ağı	1
Di Hallspol	tatilu	"			•	OIL DOILING LOG	Date	10
	_ DES	SCRIE	топ	Re	oute 4	5 over the U.P. & C.S.X. R.R. Tracks LOG	GGED BY	c
SECTION 22VBR-1		_ ι	OCAT	ION _	NE, SE	C. 33, TWP. 16N, RNG. 8E, 3rd PM		
COUNTY Douglas DR	ILLING	ME	THOD		Hollo	ow Stem Auger HAMMER TYPE _	Auto	matic
STRUCT. NO. <u>021–0013(Exist.)</u>		D	В	U	м		D B	U
Station 1153 + 86.5	=	E	L	C S	0	Stream Bed Elev. ft	E L P O	C S
BORING NO. 1 South Abut.		Τ	w		s	Groundwater Flev.:	T W	
Station 1150 + 80 Offset 6.6 ft Rt	_	н	s	Qu	Т	First Encounter ft Upon Completion ft	H S	Qυ
Ground Surface Elev. 672.8	ft	(ft)	(46")	(tsf)	(%)	After Hrs ft	(ft) (/6")	(tsf)
Pavement	672.8	_				Gray Mottled Silty Clay to Clay (Embankment) (continued) 651,8	_	
		_				Gray/Green Mottled Silty Clay	1	
Black to Brown Sility Clay	670.8					Loam (Embankment) 650.8 Black Silty Clay Loam	2 2	1.2 B
(Embankment)		-				Black Sity Clay Loam	+-	В
			١.			-	Ι.	
		_	2		24	-	2	\vdash
		-5	2			_	-25 7	
	666.8	_				646.8	-	
Gray Silty Clay (Embankment)	000.0		2			Dark Gray Mottled Silty Clay	1	
			2 2	1.3 B	28	Loam	3 3	2.0 S
		-		L-			+-	-
		_	,				∃ 。	
		-	2	1.4	28	Brown to Gray Clay Loam	1	1.2
	662.8	-10	4	В		(Weathered Till)	30 2	В
Brown/Black Mottled Silty Clay (Embankment)		-				(Trace of Free Water)	-	
		_	1			641,3	2	
		_	2		27	Gray Clay Loam Till	5 6	3.1 S
			Ť				Ť	Ť
			0				7 2	
		-	3		29	-	7	4.5
		-15	3			_	35 10	В
		-					-	
		\neg	1	L <u>. </u>			_	
		-	2	1.7 B	29	-	-	
	654.8			Ė		_		
Gray Mottled Silty Clay to Clay (Embankment)		-	1				۱ -	
		_	2	1.3	30	-	- 8	5.5
		-20	3	В			40 10	S

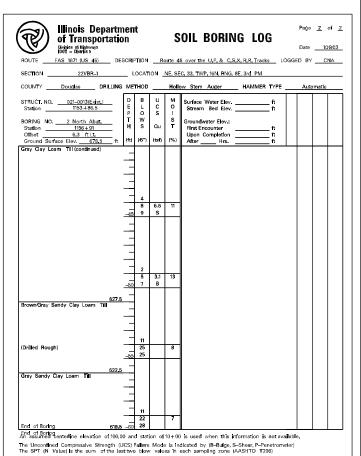
Illinois Depar of Transportat Division of Highways DOT - District S					Date _	10/8/03
ROUTEFAS_1671 (US_45)	DESCRIPTION	Route 4	5 over the U.P.& C.S.X.	R.R. Tracks LC	OGGED BY _	CNA
SECTION 22VBR-1	LOCA	TION NE, S	EC. 33, TWP. 16N, RNG. 8E,	3rd PM		
COUNTY <u>Douglas</u> DRILLI	NG METHO	Holl	ow Stem Auger	HAMMER TYPE	Autom	atic
	D B E L P O T W H S	U M C O S I S Qu T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter Upon Completion After Hrs.	ft		
GrayBrown Sandy Clay Loam Till	3 4 -45 11 -45 11 -16 6.8 -1 -11 16 -50 21	3.7 13 S				
Gray Sandy Clay Loam TIII	11 24 5526	3				
(Drilled HardRough)		8				
End of Borling 61	2.8 _60 25	1 1				

Illinois Department of Transportation					S	OIL BORING LOG	Page <u>1</u> of <u>2</u>			
Division of Highways IDOT – District 5										
ROUTE FAS 1671 (US 45) DESCRIPTION Route 45 over the U.P. & C.S.X. R.R. Tracks LOGGED BY CNA										
SECTION 22VBR-1 LOCATION NE, SEC. 33, TWP. 16N, RNG. 8E, 3rd PM										
COUNTY										
STRUCT NO. 021–0013(Exist.) Station 1153 + 86.5	_	D E P	B L O	U C S	М О І	Stream Bed Elev. ft		C S	M 0 -	
BORING NO. 2 North Abut. Station 1156+91 Offset 6.3 ft Lt.	_	T H	S S	Qu (tsf)	S T {%}	Groundwater Elev.: Telephon		Qu	S T (%)	
Ground Surface Elev. 678.5 Pavement	<u>π</u> 678.5	, i i	VO 1	(ISI)	1741	After Hrs ft fr Black to Dark Gray Silty Clay to Silty Clay Loam (Embankment)	1) (6)	(LSI)	(76)	
	677.0	\exists				(continued)	1			
Brown Mottled Sandy Clay Loam (Embankment)		-				_	2 3	1.8 S	26	
		ᆨ								
		٥	1			<u></u>	1			
		_5	1 2	2.1 B	18	653.5	2 3	1.8 S	26	
		Ť				Black to Green Mottled Slity Clay to Clay				
	672.0	\dashv	1				1			
(No Sample Rocovered)		\dashv	2			_	3 4	1.4 B	28	
		ゴ	_			650,5	Ť	Ť		
		\dashv	1			Black Silty Clay Loam to Silty Clay	- l			
Green/Gray Mottled Slity Clay	669.0		1 2	1.3 B	22		3		29	
Loam (Embankment)		-10		В		=	30 4		\dashv	
		괵	1				٦,			
		ゴ	1	1.2	30	<u>_</u>	1	1.4	28	
	665.5	+	2	В			3	S	-	
Black to Dank Gray Silty Clay to Silty Clay Loam (Embankment)			1				╡,			
,y count (crissistinon)		\exists	2	1.7	30	644.0	3	1.6	22	
		_15	3	В		Brown Mottled Sandy Clay Loam	35 3	S	\vdash	
						642.5	1			
		+	2	1.4	28	Gray Clay Loam Till	+			
		ℸ	2	В						
		\dashv				_	Ⅎ			
		4	1 2	1.5	28		5	4.5	22	
		-20	3	S	"		10 11	#.5 B		

An assumed centerline elevation of 100,00 and station of 10+00 is used when this information is not available.

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)



SOIL BORING LOGS

F.A.S. RT. 1671 - SEC. 22VBR-1

DOUGLAS COUNTY

STATION 1151+65.86 (SOUTH)

STATION 1154+99.02 (NORTH)

STRUCTURE NO. 021-0061 (SOUTH)

STRUCTURE NO. 021-0060 (NORTH)