Illinois Department of Transportation				Page <u>1</u> of						
Division of Highways IDOT DISTRICT 6									7/2	
ROUTE FAP 67 (IL 125) DESCRIP	TION		IL 1	25 ove	er Lost Creek Tributary	LOGGE	D BY	M	. Tapp	pan
ECTION6X-1	LOCAT	ION _	NE 1/4	. SEC						
COUNTY Cass DRIL	LING ME	THOD	_		HSA HAMMEI	RTYPE		140 #	# Auto	_
STRUCT. NO. 009-2507 Pr Station 217+70 BORING NO. C-1	D E P T H	B L O W s	C S	M O I S	Surface Water Elev. 556.8 Stream Bed Elev. No Data Groundwater Elev.: First Encounter 558.4	_ ft	D E P T	B L O ¥ s	U S Qu	1 2
Station 217+68	- ft (ft)	/6"	(tsf)	(%)	First Encounter 558.4 Upon Completion 519.4 After 24 Hrs. 561.4	ft	(ft)	/6"	(tef)	(9
Brown and Grey Moist SILT	_ 11 (14)	-	(,	(,	Grey Wet SILT (continued)		' 	2	В	Ė
LOAM (Fill)	=				V. Moist		\exists	0	0.4	3
	_				V. Moist		4	Ö	В.	
	5	2 3 5	1.0 P	21	w/ Woody Organics		-25	0 1 1	0.5 B	4
Grey Moist SILTY CLAY LOAM	54.40	1 2	1.4	21	Grey Wet LOAM to CLAY LOAM	544.40		0	0.3	2
	_	3	1.4 B	21	Grey Moist SILTY CLAY LOAM	541.90		0	B	_
	_	1			(Till)			1		L
/. Moist	-10	2	0.4 B	27			-30	3	1.2 B	ľ
Grey Coarse Grained Wet SAND Free Water	58.90	0 0 1			Olive Brown Moist CLAY LOAM (Till)	538.40	, -			
Srey Wet SILT	56.90									
	-15	0	0.4	29			-35	8	5.2	+
	_	2	В	1			\exists	13	В	
	-	0 1 2	0.4 B	31			=			
	_						_			
	_	0	0.3	35	4			11	5.9	+

of Transportation Division of Highways IDOT DISTRICTS			SOIL BORING LOG					Date		
ROUTE FAP 67 (IL 125) DESCRIPTIO	N		IL 1	25 ove	er Lost Creek Tributary	LOGGI	D BY	M. Ta		
SECTION 6X-1 LC	CAT	ON _	NE 1/4	4, SEC	. 36, TWP. 18 N, RNG. 11 V	V, 3 PM				
COUNTY Cass DRILLIN	G ME	THOD			HSA H	AMMER TYPE	1	40 # Au		
STRUCT. NO. 009-2507 Pr Station 217+70 BORING NO. C-1 Station 217+68	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter	558.4 ft	E P	B U L C D S W S Qu		
Offset 29.00ft Left Ground Surface Elev. 570.4 ft	(ft)	/6"	(tsf)	(%)	Upon Completion After _24_ Hrs	519.4 ft 561.4 ft	(1.5)	6" (tsf		
Olive Brown Moist CLAY LOAM (Till) (continued)		12	В		SILT Seam Boring Completed	509.90		12 B		
	45	6 10	4.9 B	13			-65			
522.9 Grey and Olive Brown Moist CLAY (Till)		3 6 7	2.7 B	25						
Olive Brown Moist CLAY LOAM 519.4 (Till)		4								
	-55	8 9	3.0 B	16			75 			
		10								
Brown w/ Light Greyish Brown	-60	26	5.6	15			-80			

Illinois Department of Transportation Page <u>1</u> of <u>2</u> **SOIL BORING LOG** Date 7/24/02 ROUTE FAP 67 (IL 125) DESCRIPTION IL 125 over Lost Creek Tributary LOGGED BY M. Tappan SECTION ______ 6X-1 LOCATION NE 1/4, SEC. 36, TWP. 18 N, RNG. 11 W, 3 PM Cass DRILLING METHOD HAMMER TYPE _____140 # Auto HSA STRUCT. NO. 009-2507 Pr Station 217+70 Grey Moist SILT LOAM CLASSIFICATION R1-3 LL=35 PI=16 85% -200 17% CLAY Grey Moist SILT LOAM CLASSIFICATION R1-4 LL=27 PI=12 89% -200 18% CLAY 1 0.9 20 3 B Olive Brown Moist SILTY CLAY

Olive Brown Moist SILTY CLAY

(Till)
CLASSIFICATION R1-5
L=43 Pl=25
B5%-200 33% CLAY Brown and Dark Grey Moist SILTY CLAY LOAM Grey and Brown Wet SiLT LOAM CLASSIFICATION R1-1 LL=30 PI=13 88% -200 15% CLAY 1 0.2 29 Grey Moist CLAY LOAM (Till) 5 2.1 15 .30 8 B Grey Wet SILT CLASSIFICATION R1-2 LL=31 PI=15 95% -200 13% CLAY 0 0.2 27 Grey and Olive Brown 0 0.1 36 Grey and Olive Brown

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Buige, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BRS. from

BORINGS
IL. ROUTE 125 OVER
TRIBUTARY TO LOST CREEK
F.A.P. ROUTE 67 - SECTION (6X-1)B-2
CASS COUNTY
STA. 217+67.54
S.N. 009-2507

SECTION
COUNTY
X-1_B-2

BBS, from 137 (Rev. 8-99)



Allen Henderson & Associates, Inc. Civil and Structural Engineers Springfield, IL. 62703 Phone: (217)544-8033 IL. Design Firm No. 184-001907 SHEET NO. 9
OF 11 SHEETS

 F.A.P. RTE.
 SECTION
 COUNTY SHEETS NO.
 TOTAL SHEET NO.

 67
 (6X-1_B-2)
 CASS
 71
 52

 CONTRACT NO. 72875

 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT