

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 2
Date Started 9/7/04
Date Completed 9/7/04

ROUTE _____ DESCRIPTION Umbdenstock Road over CC & P Railroad DRILLED BY TSC L-60.393

SECT. 98-00214-02-BR STRUCT. NO. 045-3162 COUNTY Kane LOCATION SW Corner of S. Approach S. 4 - North, TWP. 40 N., RNG. 8 E

Boring No.	Station	Offset	Surface Elev.	D	B	L	O	W	Qu	W	Surface Water Elev.	D	B	L	O	W	Qu	W
UMCN-1	701+37	16.70R LT	809.20	H	S	S	S	S	tsf	%	when drilling	H	S	S	S	S	tsf	%
FILL - Crushed Stone Boulders 897.00																		
FILL - Dark brown and gray CLAY, moist A-6 895.20																		
Very stiff brown and gray sandy CLAY, trace gravel, trace root seams, moist A-4/A-6 892.70																		
Medium dense brown SAND and GRAVEL, damp A-1-a 890.20																		
Loose brown and gray fine SAND, damp A-3 799.20																		
Very stiff brown and gray CLAY, moist A-6 797.70																		
Very stiff to hard gray CLAY, trace gravel, moist A-6 771.20																		
Very stiff to hard gray CLAY, trace gravel, moist A-6 766.20																		
Medium dense brownish-gray silty fine SAND, trace gravel, moist A-1-b (Qp = 3.75 tsf) 730.20																		
Very stiff gray CLAY, trace gravel, moist A-6 761.20																		
Hard brownish-gray CLAY, trace gravel, moist A-6 758.20																		

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

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STRUCTURE NO. 045-3162

ROUTE _____ SECTION 98-00214-02-B COUNTY Kane

Boring No. UMCN-1 Station 701+37 Offset 16.70R LT Elevation 758.20 ft

D	B	L	O	W	Qu	W
H	S	S	S	S	tsf	%
Hard to very hard brownish-gray CLAY, trace gravel, moist to damp A-6						
End of Boring at 65.0'						
CME 750 ATV Drill Rig (#53)						
3.25" (83 mm) ID HSA						

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
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ROUTE _____ DESCRIPTION Umbdenstock Road over CC & P Railroad DRILLED BY TSC L-60.393

SECT. 98-00214-02-BR STRUCT. NO. 045-3162 COUNTY Kane LOCATION NE Corner of N. Approach S. 4 - North, TWP. 40 N., RNG. 8 E

Boring No.	Station	Offset	Surface Elev.	D	B	L	O	W	Qu	W	Surface Water Elev.	D	B	L	O	W	Qu	W
UMCN-2	703+42	24.00R RT	814.61	H	S	S	S	S	tsf	%	when drilling	H	S	S	S	S	tsf	%
FILL - Black clayey Topsoil and dark brown CLAY, moist A-6/A-7-6 812.11																		
Very stiff brown CLAY, moist A-6 809.11																		
Medium dense brown SAND and GRAVEL, damp A-1-a 805.61																		
Dense brown SAND and GRAVEL, damp A-1-a 801.61																		
Medium dense brown SAND and GRAVEL, damp A-1-a 796.61																		
Hard gray CLAY, trace gravel, moist A-6 791.61																		
Very stiff brownish-gray CLAY, moist A-6 789.61																		

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
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DESIGNED	- D. Atkins	REVISED	-
DRAWN	- D. Atkins	REVISED	-
CHECKED	- G. Hatlestad	REVISED	-
DATE	- March 25, 2011	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BORING LOGS I
UMBENSTOCK ROAD OVER CC&P RR
STRUCTURE NO. 045-3162**

SHEET NO. S26 OF S28 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-27-BR	KANE	87	59
CONTRACT NO. 63595				
FED. ROAD DISTRICT 1 ILLINOIS FED. AID PROJECT				