CONTRACT NO. 66671

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	KENDALL	931	640
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5		ILLINOIS	FED. AID PROJECT	

*(5CS, 13C, 108, 109)R

Illinois Department of Transportation
Division of Highways
ILLINOIS DOT

SOIL BORING LOG

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Date 4/6/02

ROUTE FAP 326(IL47) DESCRIPTION MAST ARM FOUNDATION AT IL 47 & IL 71 SOUTH OF YORKVILLE LOGGED BY L.M.

SECTION (5CS,13C,108,109)R LOCATION SE 1/4, SEC. 5, TWP. 36N, RNG. 7E, 3rd PM

COUNTY KENDALL DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station
BORING NO. 01 NW QUAD
Station
Offset
Ground Surface Elev. m

Surface Water Elev. m
Stream Bed Elev. m
Groundwater Elev.:
First Encounter m
Upon Completion m
After Hrs. m

Description	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
AUGERED Brown SILTY CLAY LOAM				
Very Stiff Brown SILTY CLAY LOAM TILL		3		
		6	278	13.0
		8	B	
	-1.5			
		4		
		7	259	14.0
		9	B	
Hard Brown SILTY LOAM TILL				
		5		
		8	450	14.0
		11	S	
	-3.0			
		5		
		7	699	14.0
		11	S	
Very Stiff Gray SILTY CLAY LOAM TILL				
	-4.5			
		4		
		7	297	14.0
		8	B	
		4		
		7	268	15.0
		10	S	
	-6.0			
Very Stiff Gray SILTY CLAY LOAM TILL *(continued)*		4		
		7	335	12.0
		10	P	
	-7.5			
		4		
		7	240	12.0
		9	B	
End of Boring				
	-9.0			
	-10.5			
	-12.0			

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)

Illinois Department of Transportation
Division of Highways
ILLINOIS DOT

SOIL BORING LOG

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Date 6/6/02

ROUTE FAP 326(IL47) DESCRIPTION MAST ARM FOUNDATION AT IL 47 & IL 71 SOUTH OF YORKVILLE LOGGED BY L.M.

SECTION (5CS,13C,108,109)R LOCATION SE 1/4, SEC. 5, TWP. 36N, RNG. 7E, 3rd PM

COUNTY KENDALL DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station
BORING NO. 02 NE QUAD
Station
Offset
Ground Surface Elev. m

Surface Water Elev. m
Stream Bed Elev. m
Groundwater Elev.:
First Encounter m
Upon Completion m
After Hrs. m

Description	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
AUGERED Brown SILTY CLAY LOAM				
Stiff Brown SILTY CLAY LOAM		3		
		3	192	16.0
		2	P	
Hard Brown & Gray SILTY CLAY TILL	-1.5			
		5		
		8	661	16.0
		9	S	
		6		
		9	680	14.0
		12	S	
	-3.0			
		6		
		8	719	14.0
		11	S	
Very Ssstiff Brown & Gray SILTY CLAY TILL				
		5		
		7	297	14.0
		10	S	
	-4.5			
		7		
		7	240	14.0
		11	P	
Very Stiff Gray SILTY CLAY LOAM TILL				
		5		
		5	259	14.0
		9	B	
	-6.0			
Very Stiff Gray SILTY CLAY LOAM TILL *(continued)*		5		
		6	278	14.0
		9	B	
	-7.5			
		4		
		5	240	13.0
		8	B	
End of Boring				
	-9.0			
	-10.5			
	-12.0			

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)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOG FOR
MAST ARM FOUNDATION
IL. 47 (BRIDGE ST.)/
IL. 71 (STAGECOACH TRAIL)

SCALE: NONE DRAWN BY: SL
DATE: MARCH, 2010 CHECKED BY: KC

PLOT DATE = 8/11/2011
FILE NAME = h:\5122\design\648-647Boringl.dgn
PLOT SCALE = 28.8333 ' / IN.
USER NAME = USERDESCR.