

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	KENDALL	931	644
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		
*5CS, 13C, 108, 109R				



**Illinois Department of Transportation**  
Division of Highways  
ILLINOIS DOT

### SOIL BORING LOG

ROUTE FAP 326(IL47) DESCRIPTION MAST ARM FOUNDATION AT IL 47 & US 34 IN YORKVILLE LOGGED BY K.W.  
SECTION (5CS,13C,108,109)R LOCATION NW 1/4, SEC. 28, TWP. 37N, RNG. 7E, 3<sup>rd</sup> PM  
COUNTY KENDALL DRILLING METHOD Push HAMMER TYPE \_\_\_\_\_

STRUCT. NO. Station	D E P T H	B L O W S	U C S Q u T	M O I S T U R E	Surface Water Elev. _____ m	
					Stream Bed Elev. _____ m	
BORING NO. <u>10 SE QUAD</u> Station Offset Ground Surface Elev. _____ m	(m)	(/150 mm)	(kPa)	(%)	Groundwater Elev.: First Encounter _____ m Upon Completion _____ m After _____ Hrs. _____ m	
Medium Dark Brown SILTY LOAM			48 P	22.0		
Stiff Brown SILTY CLAY			96 P	24.0		
Brown LOAM with GRAVEL Pieces	-1.5		67 P	18.0		
Brown SAND & Coarse (1") GRAVEL	-3.0			4.0		
End of Boring	-4.5					
	-6.0					

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)



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COUNTY KENDALL DRILLING METHOD Push HAMMER TYPE \_\_\_\_\_

STRUCT. NO. Station	D E P T H	B L O W S	U C S Q u T	M O I S T U R E	Surface Water Elev. _____ m	
					Stream Bed Elev. _____ m	
BORING NO. <u>11 NE QUAD</u> Station Offset Ground Surface Elev. _____ m	(m)	(/150 mm)	(kPa)	(%)	Groundwater Elev.: First Encounter _____ m Upon Completion _____ m After _____ Hrs. _____ m	
Brown LOAM with GRAVEL						
Stiff Brown SILTY CLAY			115 P	27.0		
Brown SAND & GRAVEL	-1.5			6.0		
End of Boring	-4.5					
	-6.0					

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)

PLT DATE = 8/11/2011  
FILE NAME = h:\5122\design\648-647\BoringLogs.dgn  
PLT SCALE = 20.8333 / IN.  
USER NAME = JUSERDESCL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SOIL BORING LOG FOR  
MAST ARM FOUNDATION  
IL. 47 (BRIDGE ST.)/  
US. 34 (VETERANS PARKWAY)

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