CONTRACT NO. 66671

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	KENDALL	931	643
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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MAST ARM FOUNDATION AT IL 47 & COUNTRYSIDE PARKWAY NORTH OF YORKVILLE

Date 4/14/98

ROUTE FAP 326(IL47) DESCRIPTION LOGGED BY K.W.

SECTION (5CS,13C,108,109)R LOCATION NW 1/4, SEC. 28, TWP. 37N, RNG. 7E, 3rd PM

COUNTY KENDALL DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. _____
Station _____

BORING NO. 08 SW 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

DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
AUGERED SHOULDER STONE Over Black SILTY CLAY				Loose Brown SAND & GRAVEL to Very Coarse GRAVEL (Past 22') *(continued)*	3		
					7 -		12.0
					13 -		
Medium Brown SILTY CLAY	2			Dense Brown SAND & Coarse GRAVEL			
	1 3	67	17.0 P				
-1.5				Hard Gray SILTY LOAM TILL			
	1			-7.5	10		
	2	48	14.0		16	431	2.0
Loose Brown LOAMY GRAVEL	3 -		8.0		19	P	
Soft Brown & Black SILTY CLAY				End of Boring			
	5	29	12.0				
Loose Brown SAND & GRAVEL to Very Coarse GRAVEL (Past 22')	7						
	10 -		1.0				
-3.0				-9.0			
	7						
	12 -		1.0				
	14 -						
	4						
	5 -		6.0				
	5 -						
-4.5				-10.5			
	3						
	4 -		15.0				
	6 -						
	3						
	6 -		15.0				
	14 -						
-6.0				-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

Page 1 of 1

MAST ARM FOUNDATION AT IL 47 & COUNTRYSIDE PARKWAY NORTH OF YORKVILLE

Date 4/15/98

ROUTE FAP 326(IL47) DESCRIPTION LOGGED BY K.W.

SECTION (5CS,13C,108,109)R LOCATION NW 1/4, SEC. 28, TWP. 37N, RNG. 7E, 3rd PM

COUNTY KENDALL DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. _____
Station _____

BORING NO. 09 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

DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
AUGERED Black SILTY CLAY & CLAY LOAM				Medium SAND & Coase GRAVEL *(continued)*	4		
					10 -		15.0
					13 -		
Medium to Stiff Brown SILTY CLAY	2						
	3 4	86	26.0 P				
-1.5				-7.5			
	2				6		
	3	67	25.0		9 -		17.0
	4		P		12 -		
Loose Brown SAND & GRAVEL				End of Boring			
	5						
	6 -		5.0				
	6 -						
-3.0				-9.0			
	4						
	8 -		7.0				
	10 -						
	4						
	6 -		17.0				
	7 -						
-4.5				-10.5			
	3						
	5 -		16.0				
	7 -						
	5						
	5 -		23.0				
	8 -						
-6.0				-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.)/ COUNTRYSIDE PARKWAY

SCALE: NONE DRAWN BY: SL

DATE: MARCH, 2010 CHECKED BY: KC

PLOT DATE = 8/11/2011
FILE NAME = h:\5122\design\6478BoringLogs.dgn
PLOT SCALE = 20.8333 ' / IN.
USER NAME = _USERDESCR_