CONTRACT NO. 66671

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	KENDALL	931	642
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

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

Page 1 of 1

Date 4/13/98

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. 06 SE 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				
Medium Brown SILTY CLAY		2		
		3	115	29.0
		3	P	
	-1.5			
Medium Brown SAND to Coarse (1") GRAVEL		2		
		3	-	6.0
		8	-	
		8		
		8	-	6.0
		11	-	
	-3.0			
		5		
		9	-	5.0
		10	-	
		6		
		6	-	12.0
		3	-	
	-4.5			
		4		
		6	-	14.0
		8	-	
		4		
		6	-	22.0
		7	-	
	-6.0			

Description	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Medium Brown SAND to Coarse (1") GRAVEL *(continued)*		3		
		3	-	13.0
		9	-	
	-7.5			
		9		
Medium Gray SILTY LOAM TILL		5	-	9.0
		6	67	11.0
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

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

Page 1 of 1

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. 07 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 BITUMINOIS Over Black SILTY CLAY				
Medium Dark Brown SILTY CLAY		3		
		4	67	16.0
		6	P	
	-1.5			
Soft Brown CLAY LOAM with GRAVEL Pebbles		2		
		3	48	17.0
		3	P	
Soft Brown SILTY CLAY				
		2		
		2	29	15.0
		2	P	
Soft Brown SILTY LOAM	-3.0			
		2		
Loose Brown SAND & GRAVEL		2	-	1.0
		4	-	
		6		
		9	-	5.0
		9	-	
	-4.5			
		7		
		7	-	13.0
		7	-	
		5		
		3	-	18.0
		4	-	
	-6.0			

Description	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Loose Brown SAND & GRAVEL *(continued)*		6		
		11	-	11.0
		9	-	
Dense Brown SAND & Very Coarse GRAVEL				
	-7.5			
		13		
		21	-	14.0
		22	-	
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.)/ COUNTRYSIDE PARKWAY

SCALE: NONE DRAWN BY: SL

DATE: MARCH, 2010 CHECKED BY: KC

PLOT DATE = 8/11/2011
FILE NAME = h:\5122\design\6408-6478BoringLogs.dgn
PLOT SCALE = 20.8333 ' / IN.
USER NAME = _USERDESCR_