

ILLINOIS DEPARTMENT OF TRANSPORTATION STRUCTURE BORING LOG									
ROUTE _____ DESCRIPTION <b>Metra Bridge over LaGrange Road</b>		Page 1 of 2 Date <b>9/9/04</b>							
SECTION _____ STRUCTURE NO. _____		DRILLED BY <b>SEECO Consultants Inc./GF</b>							
COUNTY <b>Cook</b> LOCATION <b>Orland Park, IL</b>									
Boring No. <b>B-6</b>	<b>D</b>	<b>B</b>		Surf. Wat. El. <b>N.A.</b>	<b>D</b>	<b>B</b>			
Station _____	<b>E</b>	<b>L</b>		Groundwater Elev.: _____	<b>E</b>	<b>L</b>			
Offset _____	<b>P</b>	<b>O</b>		When Drilling <b>27' (666.3)</b>	<b>P</b>	<b>O</b>			
	<b>T</b>	<b>W</b>	<b>QU</b>	at Completion <b>19' (674.3)</b>	<b>T</b>	<b>W</b>	<b>QU</b>	<b>W</b>	
Surface El. <b>+693.25 +/- M.S.L.</b>	<b>H</b>	<b>S</b>	<b>%</b>	After _____ Hrs	<b>H</b>	<b>S</b>	<b>%</b>		
CLAY LOAM, Brown, Trace Sand, Trace Fine Gravel, Very Stiff to Hard, Moist (A-6)	1.0			42.0					
CLAY LOAM, Brown, Trace Gray, Trace Sand, Trace Fine Gravel, Hard, Moist (A-6)	2.0	15	4.5 P	43.0					
CLAY LOAM, Brown, Trace Gray, Trace Sand, Trace Fine Gravel, Trace Shale, Very Stiff, Moist (A-6)	3.0			44.0	18		19.6		
CLAY LOAM, Brown, Trace Gray, Trace Sand, Trace Fine Gravel, Trace Shale, Very Stiff, Moist (A-6)	4.0			45.0					
CLAY LOAM, Brown, Trace Gray, Trace Sand, Trace Fine Gravel, Trace Shale, Very Stiff, Moist (A-6)	5.0	8	2.0 P	46.0					
CLAY, Brown, Trace Sand, Trace Fine Gravel, Hard to Very Stiff, Moist (A-6)	6.0			47.0					
CLAY, Brown, Trace Sand, Trace Fine Gravel, Hard to Very Stiff, Moist (A-6)	7.0			48.0					
CLAY, Brown, Trace Sand, Trace Fine Gravel, Hard to Very Stiff, Moist (A-6)	8.0	17	4.5 P	49.0	25		23.7		
CLAY, Brown, Trace Sand, Trace Fine Gravel, Hard to Very Stiff, Moist (A-6)	9.0			50.0					
CLAY, Brown, Trace Sand, Trace Fine Gravel, Hard to Very Stiff, Moist (A-6)	10.0			51.0					
CLAY, Brown, Trace Sand, Trace Fine Gravel, Hard to Very Stiff, Moist (A-6)	11.0	14	2.3 P	52.0					
CLAY, Brown, Trace Sand, Trace Fine Gravel, Hard to Very Stiff, Moist (A-6)	12.0			53.0					
CLAY, Brown, Trace Sand, Trace Fine Gravel, Hard to Very Stiff, Moist (A-6)	13.0			54.0					
CLAY, Gray, Trace Sand, Trace Fine Gravel, Very Stiff, Moist (A-6)	14.0	12	2.7 B	55.0	37		21.1		
CLAY, Gray, Trace Sand, Trace Fine Gravel, Very Stiff, Moist (A-6)	15.0			56.0					
CLAY, Gray, Trace Sand, Trace Fine Gravel, Very Stiff, Moist (A-6)	16.0			57.0					
CLAY, Gray, Trace Sand, Trace Fine Gravel, Very Stiff, Moist (A-6)	17.0			58.0					
CLAY, Gray, Trace Sand, Trace Fine Gravel, Very Stiff, Moist (A-6)	18.0			59.0	45		24.2		
CLAY, Gray, Trace Sand, Trace Fine Gravel, Very Stiff, Moist (A-6)	19.0	9	2.5 P	60.0					
CLAY, Gray, Trace Sand, Trace Fine Gravel, Very Stiff, Moist (A-6)	20.0			61.0					
CLAY, Gray, Trace Sand, Trace Fine Gravel, Very Stiff, Moist (A-6)	21.0			62.0					
CLAY, Gray, Trace Sand, Trace Fine Gravel, Very Stiff, Moist (A-6)	22.0			63.0					
CLAY, Gray, Trace Sand, Trace Fine Gravel, Very Stiff, Moist (A-6)	23.0			64.0	49		18.5		
CLAY, Gray, Trace Sand, Trace Fine Gravel, Very Stiff, Moist (A-6)	24.0	9	3.1 B	65.0					
CLAY, Gray, Trace Sand, Trace Fine Gravel, Very Stiff, Moist (A-6)	25.0			66.0					
CLAY, Gray, Trace Sand, Trace Fine Gravel, Very Stiff, Moist (A-6)	26.0			67.0					
CLAY, Gray, Trace Sand, Trace Fine Gravel, Very Stiff, Moist (A-6)	27.0			68.0					
CLAY, Gray, Trace Sand, Trace Fine Gravel, Very Stiff, Moist (A-6)	28.0			69.0					
SILT, Gray, Trace Fine Gravel, Trace Sand, Medium Dense, Moist (A-4)	29.0	18		70.0	53		18.3		
SILT, Gray, Trace Fine Gravel, Trace Sand, Medium Dense, Moist (A-4)	30.0			71.0					
SILT, Gray, Trace Fine Gravel, Trace Sand, Medium Dense, Moist (A-4)	31.0			72.0					
SILT, Gray, Trace Fine Gravel, Trace Sand, Medium Dense, Moist (A-4)	32.0			73.0					
SILT, Gray, Trace Fine Gravel, Trace Sand, Medium Dense, Moist (A-4)	33.0			74.0	59		18.8		
SAND, Gray, Fine Grained, Trace Fine Gravel, Medium Dense to Dense, Saturated (A-1-b)	34.0	13		75.0					
SAND, Gray, Fine Grained, Trace Fine Gravel, Medium Dense to Dense, Saturated (A-1-b)	35.0			76.0					
SAND, Gray, Fine Grained, Trace Fine Gravel, Medium Dense to Dense, Saturated (A-1-b)	36.0			77.0					
SAND, Gray, Fine Grained, Trace Fine Gravel, Medium Dense to Dense, Saturated (A-1-b)	37.0			78.0					
SAND, Gray, Fine Grained, Trace Fine Gravel, Medium Dense to Dense, Saturated (A-1-b)	38.0			79.0	51		17.9		
SAND, Gray, Fine Grained, Trace Fine Gravel, Medium Dense to Dense, Saturated (A-1-b)	39.0	34		80.0					
SAND, Gray, Fine Grained, Trace Fine Gravel, Medium Dense to Dense, Saturated (A-1-b)	40.0			81.0					
SAND, Gray, Fine Grained, Trace Fine Gravel, Medium Dense to Dense, Saturated (A-1-b)	41.0			82.0					

N=Standard Penetration Test-Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140lb hammer falling 30"  
 (QU)B=Bluge S=Shear P=Penetration Test  
 Stations, Depths, Offset, and Elevations are in Feet  
 Offset is from edge of traveled Pavement  
 SEECO Job No. 7947G

ILLINOIS DEPARTMENT OF TRANSPORTATION STRUCTURE BORING LOG									
ROUTE _____ DESCRIPTION <b>Metra Bridge over LaGrange Road</b>		Page 2 of 2 Date <b>9/9/04</b>							
SECTION _____ STRUCTURE NO. _____		DRILLED BY <b>SEECO Consultants Inc./GF</b>							
COUNTY <b>Cook</b> LOCATION <b>Orland Park, IL</b>									
Boring No. <b>B-6</b>	<b>D</b>	<b>B</b>		Surf. Wat. El. <b>N.A.</b>	<b>D</b>	<b>B</b>			
Station _____	<b>E</b>	<b>L</b>		Groundwater Elev.: _____	<b>E</b>	<b>L</b>			
Offset _____	<b>P</b>	<b>O</b>		When Drilling <b>27' (666.3)</b>	<b>P</b>	<b>O</b>			
	<b>T</b>	<b>W</b>	<b>QU</b>	at Completion <b>19' (674.3)</b>	<b>T</b>	<b>W</b>	<b>QU</b>	<b>W</b>	
Surface El. <b>+693.25 +/- M.S.L.</b>	<b>H</b>	<b>S</b>	<b>%</b>	After _____ Hrs	<b>H</b>	<b>S</b>	<b>%</b>		
	83.0			124.0	43		10.6		
	84.0	56	18.2	125.0					
	85.0			126.0					
	86.0			127.0					
	87.0			128.0					
	88.0			129.0					
	89.0	50	16.2	130.0					
	90.0			131.0					
	91.0			132.0					
	92.0			133.0					
	93.0			134.0					
	94.0	48	19.0	135.0					
	95.0			136.0					
	96.0			137.0					
	97.0			138.0					
	98.0			139.0					
	99.0	53	15.7	140.0					
	100.0			141.0					
	101.0			142.0					
	102.0			143.0					
	103.0			144.0					
	104.0	26	3.3 P	145.0					
	105.0			146.0					
	106.0			147.0					
	107.0			148.0					
	108.0			149.0					
	109.0	34	11.9	150.0					
	110.0			151.0					
	111.0			152.0					
	112.0			153.0					
	113.0			154.0					
	114.0	23	9.6	155.0					
	115.0			156.0					
	116.0			157.0					
	117.0			158.0					
	118.0			159.0					
	119.0	30	8.7	160.0					
	120.0			161.0					
	121.0			162.0					
	122.0			163.0					
	123.0			164.0					

(QU)B=Bluge S=Shear P=Penetration Test  
 Stations, Depths, Offset, and Elevations are in Feet  
 Offset is from edge of traveled Pavement

100 S. WACKER DR.  
 SUITE 600  
 CHICAGO, IL 60606  
 TEL (312) 939-1000  
 FAX (312) 939-4998



FILE NAME = 0162004-60M62-009-bor.dgn	USER NAME = Anthony.Plutz	DESIGNED - WEI	REVISED -
		CHECKED - NPP	REVISED -
	PLOT SCALE = 0:2.0000 '1' / in.	DRAWN - AMV	REVISED -
	PLOT DATE = 3/13/2013	CHECKED - NPP	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SOIL BORINGS 1  
 STRUCTURE NO. 016-2004  
 SHEET NO. 9 OF 10 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	418
CONTRACT NO. 60M62				
ILLINOIS FED. AID PROJECT				