

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ILLINOIS DEPARTMENT OF TRANSPORTATION STRUCTURE BORING LOG										Page 1 Of 1 Date 9/3/04	
ROUTE		DESCRIPTION <b>Metra Bridge over LaGrange Road</b>									
SECTION		STRUCTURE NO.								DRILLED BY <b>SEECO Consultants Inc./GF</b>	
COUNTY		LOCATION <b>Orland Park, IL</b>									
Boring No.	<b>B-5</b>	D	B			Surf. Wat. El.	N.A.	D	B		
Station		E	L			Groundwater Elev.:		E	L		
Offset		P	O			When Drilling	<b>28' (662.0)</b>	P	O		
		T	W	QU	W	at Completion	<b>22' (668.0)</b>	T	W	QU	W
		H	S	TSF	%	After	Hrs	H	S	TSF	%
Surface El.	<b>+690.00</b> +/- M.S.L.										
CLAY LOAM, Brown and Gray to Brown, Trace Sand and Fine Gravel, Very Stiff to Hard, Moist (A-6)		1.0				42.0					
		2.0	13	3.3	20.2	43.0					
		3.0				44.0	18			23.7	
		4.0				45.0					
		5.0	26	4.5	19.0	46.0					
		6.0				47.0					
		7.0				48.0					
		8.0	15	4.0	19.1	49.0	23			26.7	
		9.0				50.0					
		10.0				51.0					
		11.0	18	4.0	20.7	52.0					
		12.0				53.0					
		13.0				54.0	33			23.5	
		14.0	15	2.8	13.5	55.0					
		15.0				56.0					
		16.0				57.0					
		17.0				58.0					
		18.0				59.0	42			22.1	
		19.0	11	2.0	13.4	60.0					
		20.0				61.0					
		21.0				62.0					
		22.0				63.0					
		23.0				64.0	38			18.7	
		24.0	8	2.0	14.3	65.0					
		25.0				66.0					
		26.0				67.0					
		27.0				68.0					
		28.0				69.0	52			25.6	
		29.0	15	2.8	12.1	70.0					
		30.0				71.0					
		31.0				72.0					
		32.0				73.0					
		33.0				74.0					
		34.0				75.0					
		35.0	13		23.5	76.0					
		36.0				77.0					
		37.0				78.0					
		38.0				79.0					
		39.0			22.5	80.0					
		40.0	19		22.6	81.0					
		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=Bulge 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										Page 1 Of 2 Date 9/3/04	
ROUTE		DESCRIPTION <b>Metra Bridge over LaGrange Road</b>									
SECTION		STRUCTURE NO.								DRILLED BY <b>SEECO Consultants Inc./GF</b>	
COUNTY		LOCATION <b>Orland Park, IL</b>									
Boring No.	<b>B-6</b>	D	B			Surf. Wat. El.	N.A.	D	B		
Station		E	L			Groundwater Elev.:		E	L		
Offset		P	O			When Drilling	<b>27' (666.3)</b>	P	O		
		T	W	QU	W	at Completion	<b>19' (674.3)</b>	T	W	QU	W
		H	S	TSF	%	After	Hrs	H	S	TSF	%
Surface El.	<b>+693.25</b> +/- M.S.L.										
CLAY LOAM, Brown, Trace Sand, Trace Fine Gravel, Very Stiff to Hard, Moist (A-6)		1.0				42.0					
		2.0	15	4.5	19.0	43.0					
		3.0				44.0	18			19.6	
		4.0				45.0					
		5.0	8	2.0	22.7	46.0					
		6.0				47.0					
		7.0				48.0					
		8.0	17	4.5	17.3	49.0	25			23.7	
		9.0				50.0					
		10.0				51.0					
		11.0	14	2.3	15.1	52.0					
		12.0				53.0					
		13.0				54.0	37			21.1	
		14.0	12	2.7	14.1	55.0					
		15.0				56.0					
		16.0				57.0					
		17.0				58.0					
		18.0				59.0	45			24.2	
		19.0	9	2.5	8.5	60.0					
		20.0				61.0					
		21.0				62.0					
		22.0				63.0					
		23.0				64.0	49			18.5	
		24.0	9	3.1	15.8	65.0					
		25.0				66.0					
		26.0				67.0					
		27.0				68.0					
		28.0				69.0	53			18.3	
		29.0	18		23.0	70.0					
		30.0				71.0					
		31.0				72.0					
		32.0				73.0					
		33.0				74.0	59			18.8	
		34.0				75.0					
		35.0	13		19.9	76.0					
		36.0				77.0					
		37.0				78.0					
		38.0				79.0	51			17.9	
		39.0	34		21.8	80.0					
		40.0				81.0					
		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=Bulge 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										Page 2 Of 2 Date 9/3/04	
ROUTE		DESCRIPTION <b>Metra Bridge over LaGrange Road</b>									
SECTION		STRUCTURE NO.								DRILLED BY <b>SEECO Consultants Inc./GF</b>	
COUNTY		LOCATION <b>Orland Park, IL</b>									
Boring No.	<b>B-6</b>	D	B			Surf. Wat. El.	N.A.	D	B		
Station		E	L			Groundwater Elev.:		E	L		
Offset		P	O			When Drilling	<b>27' (666.3)</b>	P	O		
		T	W	QU	W	at Completion	<b>19' (674.3)</b>	T	W	QU	W
		H	S	TSF	%	After	Hrs	H	S	TSF	%
Surface El.	<b>+693.25</b> +/- M.S.L.										
CLAY LOAM, Brown, Trace Sand, Trace Fine Gravel, Very Stiff to Hard, Moist (A-6)		1.0				42.0					
		2.0	15	4.5	19.0	43.0					
		3.0				44.0	18			19.6	
		4.0				45.0					
		5.0	8	2.0	22.7	46.0					
		6.0				47.0					
		7.0				48.0					
		8.0	17	4.5	17.3	49.0	25			23.7	
		9.0				50.0					
		10.0				51.0					
		11.0	14	2.3	15.1	52.0					
		12.0				53.0					
		13.0				54.0	37			21.1	
		14.0	12	2.7	14.1	55.0					
		15.0				56.0					
		16.0				57.0					
		17.0				58.0					
		18.0				59.0	45			24.2	
		19.0	9	2.5	8.5	60.0					
		20.0				61.0					
		21.0				62.0					
		22.0				63.0					
		23.0				64.0	49			18.5	
		24.0	9	3.1	15.8	65.0					
		25.0				66.0					
		26.0				67.0					
		27.0				68.0					
		28.0				69.0	53			18.3	
		29.0	18		23.0	70.0					
		30.0				71.0					
		31.0				72.0					
		32.0				73.0					
		33.0				74.0	59			18.8	
		34.0				75.0					
		35.0	13		19.9	76.0					
		36.0				77.0					