

Testing Service Corporation

STRUCTURE BORING LOG

Page 1 of 2  
Date Started \_\_\_\_\_  
Date Completed \_\_\_\_\_

ROUTE \_\_\_\_\_ DESCRIPTION Bridge Replacement, 5th Ave. over Silver Creek, Melrose Park, Illinois  
SECT. \_\_\_\_\_ STRUCT. NO. 016-0691 DRILLED BY TSC/54.432  
COUNTY Cook LOCATION NE Corner Bridge S. 2, TWP. 39N, RNG. 12E

Boring No.	Station	Offset	Surface Elev.	D	B	L	W	Qu	W	Surface Water Elev.	D	B	L	W	Qu	W
102	36+75	10.00ft RT	623.80 ft	H	S	O	T	tsf	%	611.6	H	S	O	T	tsf	%
6" Asphaltic Concrete	623.30															
20" P. C. Concrete	621.60															
FILL - Crushed Limestone, damp																
A-1-a																
ILL - Brown CLAY, moist	615.80															
A-6	614.30															
P. C. Concrete	613.30															
FILL - Brown CLAY, moist																
A-6	610.80															
Stiff brown and gray CLAY, moist																
A-7-6	608.30															
Very stiff gray CLAY, trace gravel, moist																
A-6	605.80															
Hard gray CLAY, occasional silt seams, trace gravel, moist																
A-6	603.30															
Hard gray CLAY LOAM, occasional silt and sand seams, trace gravel, moist																
A-4/A-6	600.80															
Dense gray clayey SILT, moist																
-4	598.80															

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test  
Stations, Depths, Offset, and Elevations are in Feet

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Page 2 of 2  
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Date Completed \_\_\_\_\_

STRUCTURE NO. 016-0691  
ROUTE \_\_\_\_\_  
SECTION \_\_\_\_\_  
COUNTY Cook

Boring No.	Station	Offset	Elevation	D	B	L	W	Qu	W
102	36+75	10.00ft RT	573.80 ft	H	S	O	T	tsf	%
Very dense gray medium to fine SAND, moist									
A-3	571.80								
Very dense gray silty SAND, trace gravel, moist									
A-1-b	568.80								
Hard gray CLAY, little gravel, damp									
A-6	560.30								
Probable Weathered Dolomite Rock Surface or Boulder Zone - Hard Drilling	558.80								
End of Boring at 65.0'									
Gus Pech GP-750 Truck Rig (#217) Rope and Cathead Hammer									
Wash Drill below 15.0'									

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Date Completed \_\_\_\_\_

ROUTE \_\_\_\_\_ DESCRIPTION Bridge Replacement, 5th Ave. over Silver Creek, Melrose Park, Illinois  
SECT. \_\_\_\_\_ STRUCT. NO. 016-0691 DRILLED BY TSC/54.432  
COUNTY Cook LOCATION SE Corner Bridge S. 2, TWP. 39N, RNG. 12E

Boring No.	Station	Offset	Surface Elev.	D	B	L	W	Qu	W	Surface Water Elev.	D	B	L	W	Qu	W
103	36+32	11.00ft RT	623.80 ft	H	S	O	T	tsf	%	611.6	H	S	O	T	tsf	%
6" Asphaltic Concrete	623.30															
14" P. C. Concrete	622.10															
FILL - Crushed Limestone, damp																
A-1-a																
Stiff brown and gray CLAY, trace gravel, moist																
A-6	613.80															
Hard brown CLAY, trace gravel, moist																
A-6/A-7-6	608.30															
Very stiff gray CLAY, trace gravel, moist																
A-6	603.30															
Hard gray SILTY LOAM, trace gravel, moist																
A-4/A-6	600.80															
Hard gray CLAY, trace gravel, damp																
A-6	598.80															

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test  
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USER NAME = rdnaley	DESIGNED BWS	REVISED -
PLOT SCALE = 0.1" = 1' / in.	CHECKED DL	REVISED -
PLOT DATE = 10/25/2011	DRAWN RD	REVISED -
	CHECKED BWS	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOG II  
STRUCTURE NO. 016-2818  
SHEET NO. S-17 OF S-17 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2742	3222-W-BR	COOK	51	42
CONTRACT NO. 62116			ILLINOIS FED. AID PROJECT	