

Testing Service Corporation

STRUCTURE BORING LOG

Page 1 of 2

ROUTE SA 7 DESCRIPTION Bridge Replacement, 5th Ave. over Silver Creek, Melrose Park, Illinois
 SECT. 3222-15D STRUCT. NO. 016-0691 DRILLED BY IDOT DIST. 1
 COUNTY Cook LOCATION SW Corner Bridge S. 2 TWP. 39N RING. 12E

Boring No.	Station	Offset	Surface Elev.	D	B	L	O	Qu	W	Surface Water Elev.	D	B	L	O	Qu	W
1	36+33	17.00ft LT	623.60 ft	H	S			tsf	%	610.6	H	S			tsf	%
BITUMINOUS & PCC Approach Slab 20" 622.10																
DENSE Light Gray, near White & Black Fine to Medium SILTY SAND 596.60																
VERY STIFF Gray SILT LOAM w/PEBBLES 576.10																
LOOSE Crushed DOLOMITE SAND (FILL) 592.60																
MEDIUM DENSE Gray SAND 591.60																
HARD Gray SILTY CLAY LOAM w/ PEBBLES 590.60																
End of Boring at 56.5'																
CME 750 Drill Rig w/ Automatic Hammer 3.25 inch ID Hollow-Stem Augers																
VERY DENSE Gray Coarse SAND & GRAVEL, TRACE CLAY & SILT 587.10																
COBBLE @ 56.0'																
End of Boring at 56.5'																
CME 750 Drill Rig w/ Automatic Hammer 3.25 inch ID Hollow-Stem Augers																
DENSE Light Gray/Near White and Black Fine to Medium SILTY SAND 594.10																
VERY STIFF to HARD Brown w/Gray Streaks CLAY, PEBBLES, SHALE Bits (TILL) 611.60																
HARD Gray SILTY CLAY LOAM w/PEBBLES, SHALE Bits (TILL) 604.10																
HARD Gray SILTY CLAY LOAM w/PEBBLES, SHALE Bits (TILL) 601.60																
DENSE Gray LOAM w/PEBBLES, SHALE Bits 599.10																

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

STRUCTURE NO. 016-0691 STRUCTURE NO. 016-0691
 ROUTE SA 7 ROUTE SA 7
 SECTION 3222-15D SECTION 3222-15D
 COUNTY Cook COUNTY Cook

Boring No.	Station	Offset	Surface Elev.	D	B	L	O	Qu	W	Surface Water Elev.	D	B	L	O	Qu	W
1	36+33	17.00ft LT	573.60 ft	H	S			tsf	%	610.6	H	S			tsf	%
DENSE Light Gray, near White & Black Fine to Medium SILTY SAND 576.10																
VERY DENSE Gray Coarse SAND & GRAVEL, TRACE CLAY & SILT 587.10																
COBBLE @ 56.0'																
End of Boring at 56.5'																
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Page 1 of 1

ROUTE SA 7 DESCRIPTION Bridge Replacement, 5th Ave. over Silver Creek, Melrose Park, Illinois
 SECT. 3222-15D STRUCT. NO. 016-0691 DRILLED BY ISC/54.432
 COUNTY Cook LOCATION NW Corner Bridge S. 2 TWP. 39N RING. 12E

Boring No.	Station	Offset	Surface Elev.	D	B	L	O	Qu	W	Surface Water Elev.	D	B	L	O	Qu	W
101	36+75	18.00ft LT	623.50 ft	H	S			tsf	%	611.6	H	S			tsf	%
5" Asphaltic Concrete 623.10																
13" P. C. Concrete 622.00																
FILL - Crushed Limestone, damp A-1-a 613.50																
FILL - Dark brown and gray CLAY, moist to very moist A-6 610.50																
Medium stiff gray and dark gray CLAY, moist to very moist A-7-6 608.00																
Very stiff brown and gray CLAY, trace gravel, moist A-6 605.50																
Hard gray CLAY, occasional sand seams, trace gravel, moist A-6 603.00																
Hard gray CLAY LOAM, numerous silt and sand seams, little gravel, damp A-4 600.50																
Very dense gray clayey SILT, trace gravel, damp -4 598.50																

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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