F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	03-00251-00-BR	KANE	72	52
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PROJECT NO. BROS-D001(641)
CONTRACT NO. 63080
Sheet S-33 OF 33

Testing Service Corporation

STRUCTURE BORING LOG

Page 1 of 1

Date Started 5/12/08
Date Completed 5/12/08

ROUTE _____ DESCRIPTION Wood St. over BNSF & Indian Cr., Aurora, IL

SECT. 03-00251-00-BR STRUCT. NO. 045-6022 DRILLED BY TSC L-68,358

COUNTY Kane LOCATION SW Retaining Wall S. 23 NW1/4, TWP. 38N, RNG. 8E

Boring No. 11
Station 12+30
Offset 3.00ft LT
Surface Elev. 694.45 ft

Surface Water Elev. _____
Groundwater Elev.:
when drilling 691.5
at Completion Dry
after _____ Hrs. _____

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
6" Asphalt Pavement 2" Gravel Subbase	693.75				
FILL - Gray SAND and GRAVEL, trace clay, moist A-1	691.45		12 4 4		16.5
FILL - Brown silty SAND, little gravel, trace clay, wet A-1-b	688.95	-5	3 4 4		11.1
FILL - Brown SANDY LOAM, little gravel, very moist A-4	686.45		12 3 3	P 0.5	20.3
FILL - Brown CLAY LOAM with very sandy layers, little gravel, trace glass, very moist A-4/A-6	683.95	-10	3 3 3	P 0.75	18.3
FILL - Brown SAND, trace to little gravel, trace clay, very moist to moist A-1-b	678.95	-15	2 3 3 2 4 5		13.1 9.8
FILL - Red Bricks with some sand and gravel, damp	676.45		8 11 11		18.7
FILL - Bricks, Sand and Gravel with seams of clay, trace asphalt, damp	673.95	-20	9 9 10		11.1
FILL - Brown clayey SAND, some gravel, moist A-2-4	671.45		4 4 6		11.6
Very dense Boulders or Rock	670.45		100/1"		5.9
Hard Drilling in Rock	669.45	-25			

Mobile B-61 Truck Rig (#144)
Mobile Automatic Hammer

Auger Refusal at 25.0 ft. on Boulders or possible Weathered Rock surface

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

Testing Service Corporation

STRUCTURE BORING LOG

Page 1 of 1

Date Started 5/12/08
Date Completed 5/12/08

ROUTE _____ DESCRIPTION Wood St. over BNSF & Indian Cr., Aurora, IL

SECT. 03-00251-00-BR STRUCT. NO. 045-6022 DRILLED BY TSC L-68,358

COUNTY Kane LOCATION SE Retaining Wall S. 23 NW1/4, TWP. 38N, RNG. 8E

Boring No. 12
Station 12+80
Offset 19.50ft RT
Surface Elev. 697.13 ft

Surface Water Elev. _____
Groundwater Elev.:
when drilling Dry
at Completion Dry
after _____ Hrs. _____

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
FILL - Black and dark brown clayey Topsoil	696.13				
FILL - Brown SANDY LOAM, little gravel, trace organic, very moist A-4	694.13		4 4 3	P 1.0	17.9
FILL - Brown CLAY LOAM and SANDY LOAM, little gravel, very moist A-4/A-6	689.13	-5	4 5 6 5 5 7	B 0.7 15% B 0.7 15%	19.4 19.6
FILL - Brown SANDY LOAM, some gravel, trace organic, very moist A-4	686.63	-10	3 3 3	P 0.5	17.0
FILL - SANDY LOAM, occasional sand seams, little gravel, moist to very moist A-2-4	684.13		3 2 2	P 0.5	14.5
FILL - Brown silty SAND, little gravel, trace clay, moist A-1-b	682.13	-15	3 3 4		13.2

End of Boring at 15.0 ft

Mobile B-61 Truck Rig (#144)
Mobile Automatic Hammer

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

PLAN: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHKD — NOTE BOOK NO. ____ — BY — DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHKD — NOTE BOOK NO. ____ — BY — DATE

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REVISIONS	
NAME	DATE

CMT
CRAWFORD MURPHY & TILLY, INC.
CONSULTING ENGINEERS
SPRINGFIELD, IL ■ AURORA, IL ■ ST. LOUIS, MO

CITY OF AURORA

SOIL BORINGS-V

SHEET 5 OF 5

SCALE:
DRAWN BY:
DATE: SEPTEMBER 2008
CHECKED BY: