F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	03-00251-00-BR	KANE	72	50
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PROJECT NO. BROS-D001(641)
CONTRACT NO. 63080
Sheet S-31 OF 33

PLAN — SURVEYED / PLOTTED / PLANS CHECKED / R.P. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

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

Testing Service Corporation

STRUCTURE BORING LOG

Page 1 of 1

ROUTE ____ DESCRIPTION Wood St. over BNSF & Indian Cr., Aurora, IL Date Started 11/2/07 Date Completed 11/2/07

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. 5
Station 13+56
Offset 15.00ft LT
Surface Elev. 701.10 ft

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

DEPTH	BLOWS	Qu tsf	W %
5" P.C. Concrete / 3" Gravel Subbase 700.40			
FILL - Brown SANDY LOAM, little asphalt pieces, some gravel, very moist A-2-4 697.10		P 0.5	14.0
		P 0.5	14.5
		P 1.5	19.0
FILL - Brown CLAY LOAM, little gravel, moist to very moist A-4/A-6 693.10		B 0.6 15%	20.4
		P 0.5	17.5
		P 1.0	11.0
FILL - Brown SANDY LOAM, little sand and gravel, very moist A-2-4/A-4 685.10		P 0.25	15.3
		P 0.25	12.1
FILL - Brown clayey SAND and GRAVEL, moist A-1 683.10			11.8
FILL - Brown SAND and GRAVEL, little brick pieces, moist A-1-a 681.10			12.5
FILL - Brown SAND and GRAVEL, trace clay, moist A-1 677.10			14.4
**		P 0.5	15.6
FILL - Brown SANDY LOAM, some gravel, moist A-2-4 675.10			
FILL - Brown CLAY LOAM, little gravel, moist to moist A-6 673.10		B 1.7 15%	15.8
		P 0.5	14.5
		P 0.75	17.2
FILL - Brown SANDY LOAM, little sand and gravel, trace cinders, very moist A-2-4/A-4 669.10		B 0.7 15%	15.0
End of Boring at 32.0'			
MC = Continuous Macro-core samples (1.5" diam.) using ATV GeoProbe rig			
** FILL - Brown SANDY LOAM, some gravel, moist A-2-4		P 0.5	15.6

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

ROUTE ____ DESCRIPTION Wood St. over BNSF & Indian Cr., Aurora, IL Date Started 11/2/07 Date Completed 11/2/07

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. 6
Station 13+20
Offset 15.00ft LT
Surface Elev. 699.23 ft

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

DEPTH	BLOWS	Qu tsf	W %
5" P.C. Concrete / 3" Gravel Subbase 698.53			
FILL - Brown SANDY LOAM, little gravel, very moist A-2-4/A-4 695.23		B 0.3 15%	18.5
		P 0.75	13.5
		P 1.0	26.8
FILL - Brown CLAY LOAM, little gravel, trace organic, very moist to moist A-4/A-6 691.23		P 0.5	22.0
FILL - Brown SANDY LOAM with sand layers, little gravel, very moist A-2-4 689.23		P 0.25	17.8
			8.3
FILL - Brown SAND and GRAVEL, trace clay, moist A-1-a 683.23			11.3
			9.1
FILL - Brown SANDY LOAM, little gravel, very moist A-2-4 681.23		B 0.5 15%	18.4
			9.8
FILL - Brown SAND and GRAVEL, trace clay, moist A-1-a 675.23			13.0
			13.4
FILL - Gray CLAY LOAM, moist A-6 673.23		B 1.8	15.9
FILL - Brown SANDY LOAM, occasional sand seams, some gravel, moist A-2-4 671.23		P 1.0	11.9
FILL - Brown SANDY LOAM, trace organic, little gravel, moist A-2-4 669.23		P 1.75	10.6
FILL - Brown CLAY LOAM, little gravel, moist A-6 667.23		P 2.25	20.9
End of Boring at 32.0'			
MC = Continuous Macro-core samples (1.5" diam.) using ATV GeoProbe rig			

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

ROUTE ____ DESCRIPTION Wood St. over BNSF & Indian Cr., Aurora, IL Date Started ____ Date Completed ____

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. 7
Station 13+56
Offset 14.00ft RT
Surface Elev. 701.16 ft

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

DEPTH	BLOWS	Qu tsf	W %
7" P.C. Concrete 700.56 / 4" Crushed Stone Subbase 700.26			
FILL - Brown silty SAND, some gravel and cinders, trace brick pieces, damp A-1-a 695.66	4 4 6		9.3
	2 2 3		9.8
FILL - Brown SANDY LOAM, little to some gravel, trace glass, moist to very moist A-2-4/A-4	2 3 6	P 0.5	15.6
	1 2 3	P 0.5	13.1
	2 2 4	P 1.0	14.0
FILL - Brown CLAY LOAM, little gravel, moist to very moist A-4/A-6 688.16	3 5 4	B 0.9 15%	16.2
Qp = 1.0 tsf	3 4 4	S 0.7 10%	15.3
FILL - Brown SANDY LOAM, occasional sand seams, little gravel, moist to very moist A-2-4 683.16	3 5 4	S 0.9 12%	11.5
Qp = 1.5 tsf 680.66			
FILL - Brown clayey SAND and GRAVEL, moist A-1 676.16	4 4 4		13.3
	4 5 5		
FILL - Brown clayey SAND and GRAVEL, moist A-1	3 5 7		11.5
	8 8 6		
End of Boring at 30'			
Diedrich D-120 Truck Rig (#315) CME 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

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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-III

SHEET 3 OF 5

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