ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Date 7/15/11

ROUTE IL 3 DESCRIPTION Relocated IL 3 over TRRA Railroad
SECT. 50-1-2HVB STRUCT. NO. 083-0314 DRILLED BY Bruno Williamson
COUNTY St. Clair LOCATION East St. Louis S. 12 , TWP. 2N , RNG. 10W

Boring No. SPT-8 N. ABUT
Station 1658+44
Offset 29.00ft RT
Surface Elev. 406.50 ft

Surface Water Elev.
Groundwater Elev.:
when drilling 400.5
at Completion
after Hrs.

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
Very loose black SANDY LOAM, very moist					
	405.00		0 0 0		32
Very soft brown/gray SILTY CLAY, moist					
			1 1 2	P 0.25	28
	401.50	-5			
Medium stiff brown/gray SILTY CLAY, very moist					
	400.00		3 3 4	B 0.62 15%	37
Loose brown fine to medium SAND, saturated					
			3 4 5		
		-10			
			6 5 4		
	393.00				
Medium dense brown fine SAND, saturated			4 6 7		
		-15			
			3 3 8		
			2 5 6		
		-20			
			4 8 10		
			3 8 10		
	381.50	-25			

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
Dense to medium dense brown fine SAND, saturated					
			6 15 15		
			4 7 10		
		-30			
	373.50				
Medium dense gray fine to medium SAND, saturated			7 9 11		
		-35			
			5 6 10		
		-40			
			5 8 20		
		-45			
			6 8 10		
	356.50	-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

LDOT BORING 76873.GPJ IDOT.GDT 8/29/11

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Testing Service Corporation
STRUCTURE BORING LOG

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STRUCTURE NO. 083-0314
ROUTE IL 3
SECTION 50-1-2HVB
COUNTY St. Clair

STRUCTURE NO. 083-0314
ROUTE IL 3
SECTION 50-1-2HVB
COUNTY St. Clair

Boring No. SPT-8 N. ABUT
Station 1658+44
Offset 29.00ft RT
Elevation 356.50 ft

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
Medium dense gray fine to medium SAND, saturated					
			6 8 10		
		-55			
	348.50				
Dense to medium dense gray fine to medium SAND, saturated			11 18 25		
		-60			
		-65			
			10 11 15		
		-70			
	331.50	-75			

Elevation 331.50 ft

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
Medium dense to dense gray fine to medium SAND, saturated					
			13 14 15		
		-80			
		-85			
			10 16 16		
		-90			
		-95			
	308.00				
Very dense gray fine to coarse SAND, trace small gravel, saturated			70 50/4"		
	306.50	-100			

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

LDOT BORING 76873.GPJ IDOT.GDT 8/29/11

Farnsworth GROUP, INC.
2709 McGraw Drive
Bloomington, Illinois 61704
309/663-8435, 309/663-1571 fax

	DESIGNED - TCR	REVISED
	CHECKED - JML	REVISED
	DRAWN - JWK/DJM	REVISED
DATE - 10/18/12	CHECKED - MSW	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
STRUCTURE NO. 082-0314 NB & 082-0315 SB

SHEET NO. B48 OF 50 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
788	52D-1-2HVB-1	ST. CLAIR	237	181

CONTRACT NO. 76848

ILLINOIS FED. AID PROJECT

24-8621