

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

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Date 7/7/11

ROUTE IL 3 DESCRIPTION Relocated IL 3 over TRRA Railroad

SECT. 50-1-2HVB STRUCT. NO. 082-0315 DRILLED BY Bruno Williamson

COUNTY St. Clair LOCATION East St. Louis S. 12, TWP. 2N, RNG. 10W

Boring No.	Station	Offset	Surface Elev.	DEPTH	BLOWS	Qu	W	Surface Water Elev.	Groundwater Elev.	DEPTH	BLOWS	Qu	W				
			ft	H	S	tsf	%			H	S	tsf	%				
SPT-1 S. ABUT	1656+20	37.00ft LT	414.60	413.60					398.6								
				Dark brown SILTY CLAY LOAM													
				Medium stiff dark brown/brown SILTY CLAY LOAM, moist to very moist	2	B	0.82	22					8	10	12		
					1		15%										
					1	B	0.62	30						10	11	23	
					1		15%										
				409.60													
				Very soft brown/gray SILTY CLAY, very moist													
					0	P	0.25	30									
					2												
				406.60													
Stiff brown/gray SILTY CLAY, moist to very moist																	
	0	B	1.23	25						4	8	9					
	1		15%														
	3																
401.10																	
Stiff to very stiff brown/gray SILTY CLAY, very moist																	
	0	B	2.99	34						3	7	7					
	2		15%														
	3																
398.10																	
Loose brown/gray fine SAND, saturated																	
	0	B	1.11														
	2		15%														
396.60																	
Very loose brown fine SAND, saturated																	
	2																
	1																
394.60																	
Medium dense brown fine SAND, saturated																	
	7																
	10																
	11																
	5																
	6																
	25																

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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STRUCTURE NO. 082-0315 STRUCTURE NO. 082-0315

ROUTE IL 3 ROUTE IL 3

SECTION 50-1-2HVB SECTION 50-1-2HVB

COUNTY St. Clair COUNTY St. Clair

Boring No.	Station	Offset	Surface Elev.	DEPTH	BLOWS	Qu	W	Elevation	DEPTH	BLOWS	Qu	W		
			ft	H	S	tsf	%	ft	H	S	tsf	%		
SPT-1 S. ABUT	1656+20	37.00ft LT	364.60	360.60				339.60						
				Medium dense gray fine to medium SAND, saturated										
					7									
					7									
					9									
				360.60										
				Medium dense gray fine to coarse SAND, saturated										
					5									
					8									
					16									
351.10														
Dense gray fine to coarse SAND with gravel, saturated														
	6													
	13													
	30													
349.60														
Medium dense gray fine to coarse SAND, saturated														
	7													
	9													
	20													
344.60														
Very dense gray fine to coarse SAND, saturated														
	11													
	30													
	40													
	75													

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



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. B40 OF 50 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
788	520-1-2HVB-1	ST. CLAIR	237	173
CONTRACT NO. 76848				

ILLINOIS FED. AID PROJECT