

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

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Date 12/7/11

ROUTE IL 3 DESCRIPTION Relocated IL 3 at MLK Bridge

SECT. 520-1-2B STRUCT. NO. 082-0385 DRILLED BY Bruno Williamson

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

Boring No.	D	B			Surface Water Elev.	D	B		
Station	E	L			Groundwater Elev.:	E	L		
Offset	P	O	Qu	W	when drilling	P	O	Qu	W
Surface Elev.	T	W	tsf	%	at Completion	T	W	tsf	%
	H	S			after	H	S		
414.40					400.9				
Stiff dark brown SANDY LOAM, moist					Very soft gray SILTY CLAY, very moist				
		9	P	17			0	P	47
		9	2.0				1	0.25	
		10					2		
409.90		6	P	17			5	P	56
		6	2.0				7	0.25	
		6					15		
408.40		4	P	14					
		6	2.0						
		7							
407.40		4	P	14					
		6	2.0						
		7							
404.40		4		5	380.90		2		
		5			Medium dense gray fine to medium SAND, saturated		7		
		5					8		
404.40		3		28					
		1							
		2		29			9		
		1					9		
		1					8		
396.90		1		32					
		1							
		0	P	34	370.90		7		
		1	0.25		Medium dense gray fine SAND, saturated		9		
394.90		1					11		
		1							
393.40		0	P	42					
		0	0.25						
		1							
389.40		0	P	51			3		
		1	0.25				8		
		1					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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STRUCTURE NO. 082-0385 ROUTE IL 3

ROUTE IL 3 SECTION 520-1-2B STRUCT. NO. 082-0385

SECTION 520-1-2B COUNTY St. Clair SECTION 520-1-2B COUNTY St. Clair

Boring No.	D	B			Surface Water Elev.	D	B		
Station	E	L			Groundwater Elev.:	E	L		
Offset	P	O	Qu	W	when drilling	P	O	Qu	W
Elevation	T	W	tsf	%	at Completion	T	W	tsf	%
	H	S			after	H	S		
364.40									
Medium dense gray fine SAND, saturated					Medium dense gray fine to medium SAND, saturated				
		4					6		
		6					8		
		8					11		
349.40		4		5			4		7
		8					7		10
		16					8		10
349.40		6		9			9		10
		9					8		10
		14							
349.40		8		12			22		22
		12					22		20
		17					20		
349.40		4		4			10		16
		4					16		23
		9					23		

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/JCZ	REVISED
CHECKED - JML	REVISED
DRAWN - DJM/JWK	REVISED
DATE - 06/26/12	CHECKED - MSW
	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SOIL BORING LOGS
STRUCTURE NO. 082-0385 NB & 082-0386 SB**

SHEET NO. A46 OF 48 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
788	520-1-2B	ST. CLAIR	94	77
CONTRACT NO. 76F69				

ILLINOIS FED. AID PROJECT