ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Date 11/29/11

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. B-6
Station 622+89
Offset 28.00ft RT
Surface Elev. 413.60 ft

Surface Water Elev. ____
Groundwater Elev.: when drilling 402.1
at Completion ____
after ____ Hrs. ____

Description	DEPTH	BLOWS	Qu tsf	W %
Loose brown fine SAND, damp		2 3 5		5
		3 5 5		
Medium stiff dark brown SANDY LOAM, trace brick and asphalt fragments, moist to very moist (407.60)		2 1 2	P 1.0	26
	-10	2 2 4	P 1.0	31
Very loose brown-gray SILT, very moist (402.60)		1 3 1		39
	-15	1 1 1		35
		1 1 2		33
	-20	0 1 1		35
Very soft gray SILTY CLAY, very moist (392.60)		0 1 1	P 0.25	32
	-25	0 2 2	P 0.25	32
Soft gray SILTY CLAY, very moist (386.10)		0 3 6	P 0.5	36
Medium dense gray fine to medium SAND, saturated		8 11 12		
	-30	8 11 12		
	-35	8 10 13		
	-40	5 8 12		
	-45	10 10 13		
	-50	8 10 12		

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
SECTION 520-1-2B
COUNTY St. Clair

Boring No. B-6
Station 622+89
Offset 28.00ft RT
Elevation 363.60 ft

Description	DEPTH	BLOWS	Qu tsf	W %
Medium dense gray fine to medium SAND, saturated		5 9 18		
	-55	5 9 18		
	-60	8 11 18		
	-65	5 10 14		
Medium dense gray medium to coarse SAND, trace small gravel, saturated (348.60)		5 7 9		
	-70	4 8 10		
(338.60)	-75			

STRUCTURE NO. 082-0385
ROUTE IL 3
SECTION 520-1-2B
COUNTY St. Clair

Elevation 338.60 ft

Description	DEPTH	BLOWS	Qu tsf	W %
Medium dense gray fine to medium SAND, saturated		6 8 9		
	-80	6 8 9		
Possible cobbles at 81'.	-85	4 5 8		
	-90	7 7 11		
Dense gray medium to coarse SAND, some rock fragments, saturated (323.60)	-95	10 12 18		
	-100	10 18 18		

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
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STRUCTURE NO. 082-0385
ROUTE IL 3
SECTION 520-1-2B
COUNTY St. Clair

Boring No. B-6
Station 622+89
Offset 28.00ft RT
Elevation 313.60 ft

Description	DEPTH	BLOWS	Qu tsf	W %
Dense to very dense gray medium to coarse SAND, some rock fragments, saturated		20 19 20		
	-105	20 19 20		
Possible cobbles at 107'.	-110	29 40 45		
	-115			
End of Boring at 117.0' Auger Refusal (296.60)	-120			
	-125			

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
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Farnsworth GROUP, INC.
2709 McGraw Drive
Bloomington, Illinois 61704
309/663-8435, 309/663-1571 fax

	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. A45 OF 48 SHEETS

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

24-8621