ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Date 11/30/11

ROUTE IL 3 DESCRIPTION Relocated IL 3 at MLK Bridge
SECT. 520-1-2B STRUCT. NO. 082-0386 DRILLED BY Bruno Williamson
COUNTY St. Clair LOCATION East St. Louis S. 12 , TWP. 2N , RNG. 10W

Boring No. B-3
Station 623+66
Offset 37.00ft LT
Surface Elev. 414.60 ft

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

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
Stiff dark brown SILTY LOAM, with brick fragments	411.60		5 9 5	P 1.5	15
Medium stiff brown SILTY LOAM, moist to very moist	408.10	-5	4 6 4	P 0.75	24
Very loose brown SANDY LOAM, very moist	404.60	-10	0 1 2	B 0.62	33
Medium stiff brown SILTY CLAY, very moist	402.10	-15	0 0 2		31
Medium stiff brown-gray SANDY LOAM, very moist	395.10	-20	0 2 2	B 0.82	35
Very soft gray SILTY CLAY, some sand seams, very moist		-25	0 1 2	B 0.82	32
			0 1 2	B 0.82	34
			2 2 2	P 0.25	50
			1 1 1	P 0.25	52
			0 1 2	P 0.25	46
Very soft gray SILTY CLAY, very moist	387.60		3 2 5	P 0.25	46
Loose gray fine to medium SAND, saturated	386.10				
Very soft gray SILTY CLAY, very moist	381.10	-30	0 1 1	P 0.25	51
Medium dense gray fine to medium SAND, saturated		-35	4 5 5		
		-40	2 5 6		
		-45	4 5 7		
		-50	8 9 14		

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. 082-0386
ROUTE IL 3
SECTION 520-1-2B
COUNTY St. Clair

Boring No. B-3
Station 623+66
Offset 37.00ft LT
Elevation 364.60 ft

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
Medium dense gray fine to medium SAND, saturated	361.10				
Dense gray fine to medium SAND, saturated		-55	8 14 21		
		-60	7 16 16		
Medium dense gray fine to medium SAND, saturated	351.10	-65	5 10 17		
		-70	6 8 8		
		-75	7 9 10		

STRUCTURE NO. 082-0386
ROUTE IL 3
SECTION 520-1-2B
COUNTY St. Clair

Elevation 339.60 ft

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
Medium dense gray fine to medium SAND, saturated		-80	4 5 6		
Cobbles from 86' to 87'.		-85	5 5 6		
		-90	6 7 9		
		-95	9 9 19		
Dense gray fine to coarse SAND and small GRAVEL, saturated	316.10	-100	9 12 27		

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STRUCTURE NO. 082-0386
ROUTE IL 3
SECTION 520-1-2B
COUNTY St. Clair

Boring No. B-3
Station 623+66
Offset 37.00ft LT
Elevation 314.60 ft

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
Very dense gray fine to coarse SAND and small GRAVEL, saturated					
Cobbles below 101'.			50/5"		
		-105			
		-110	15 23 50/3"		
		-115			
End of Boring at 118.5' Auger Refusal	296.10	-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. A42 OF 48 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
788	520-1-2B	ST. CLAIR	94	73
		CONTRACT NO. 76F69		
	ILLINOIS	FED. AID PROJECT		

24-8621