ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 1
Date 7/1/11

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. ST-1 S. EMBANKMENT
Station 1655+89
Offset 54.00ft LT
Surface Elev. 416.00 ft

Surface Water Elev.
Groundwater Elev.:
when drilling 404.0
at Completion
after Hrs.

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
Dark brown clayey SAND and GRAVEL, with cinders			PUSH		
Soft brown SILTY CLAY LOAM, moist	412.00	-5	PUSH	B 0.53	29
Soft brown/gray SILTY CLAY LOAM, moist	410.00		PUSH	S 0.52	27
Wood in sample		-10	PUSH	P 0.5	28
Soft gray CLAY, very moist	404.00		PUSH	P 0.5	43
		-15	PUSH	P 0.5	40
End of Boring at 16'	400.00	-20			
		-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

IDOT BORING 76875.GPJ IDOT.GDT 8/28/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 1
Date 7/1/11

ROUTE IL 3 DESCRIPTION Relocated IL 3 over TRRA Railroad
SECT. 50-1-2HVB STRUCT. NO. 082-0314 DRILLED BY Bruno Williamson
COUNTY St. Clair LOCATION East St. Louis S. 12, TWP. 2N, RNG. 10W

Boring No. ST-2 S. EMBANKMENT
Station 1656+20
Offset 54.00ft RT
Surface Elev. 415.00 ft

Surface Water Elev.
Groundwater Elev.:
when drilling 399.0
at Completion
after Hrs.

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
Dark brown SILTY CLAY LOAM	414.00				
Medium stiff to stiff brown/gray SILTY CLAY LOAM, moist			PUSH	S 0.98	26
		-5	PUSH	P 1.5	27
Very stiff brown/gray SILTY CLAY LOAM, moist	407.50		PUSH	P 3.25	23
Very stiff gray SILTY LOAM, very moist					30
Stiff to medium stiff gray SILTY CLAY, very moist	405.00	-10	PUSH	P 2.25	39
			PUSH	P 2.25	31
Locse gray fine SAND, saturated	401.00	-15	PUSH	S 0.9	33
End of Boring at 16'	399.00	-20			
		-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

IDOT BORING 76875.GPJ IDOT.GDT 8/28/11

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 1
Date 7/14/11

ROUTE IL 3 DESCRIPTION Relocated IL 3 over TRRA Railroad
SECT. 50-1-2HVB STRUCT. NO. 082-0314 DRILLED BY Bruno Williamson
COUNTY St. Clair LOCATION East St. Louis S. 12, TWP. 2N, RNG. 10W

Boring No. ST-4 N. EMBANKMENT
Station 1658+82
Offset 44.00ft RT
Surface Elev. 404.00 ft

Surface Water Elev.
Groundwater Elev.:
when drilling 398.0
at Completion
after Hrs.

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
Dark brown SILTY CLAY LOAM	403.00				
Stiff brown/gray SILTY CLAY, very moist			PUSH	P 1.25	35
Medium stiff brown/gray CLAY, moist	401.00		PUSH	P 0.75	25
		-5			
End of Boring at 6'	398.00				
		-10			
		-15			
		-20			
		-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

IDOT BORING 76875.GPJ IDOT.GDT 8/28/11