Surface Elevation: 412 | Completion Date: 3/12/14
Datum: msl

DEPTH IN FEET	DESCRIPTION OF MATERIAL	DRY UNIT WEIGHT (pcf) SPT BLOW COUNTS CORE RECOVERY/RQD	SAMPLES
	FILL: various amounts of silty clay, sand, gravel, and cinders		GB1
			GB2
5		0-1-2	SS3
		2-2-2	SS4
10		2-1-1	SS5
		0-1-1	SS6
15	Soft, gray, silty CLAY - (CL)	0-0-1	SS7
		0-1-2	SS8
20	dry unit weight = 85 pcf	1-1-1	SS9
	dry unit weight = 82 pcf	0-1-2	SS10
25	Loose, gray, poorly graded SAND - SP		
		5-5-2	SS11
30			
		4-3-5	SS12
35	Soft to medium stiff, gray, sandy SILT - ML		
		3-2-2	SS13

SHEAR STRENGTH, tsf: Δ - UU/2, ○ - QU/2, □ - SV (0.5, 1.0, 1.5, 2.0, 2.5)
STANDARD PENETRATION RESISTANCE ▲ N-VALUE (BLOWS PER FOOT) (ASTM D 1586)
WATER CONTENT, % PL 10 20 30 40 50 LL

NOTE: STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARIES BETWEEN SOIL TYPES AND THE TRANSITION MAY BE GRADUAL. GRAPHIC LOG FOR ILLUSTRATION PURPOSES ONLY.

LOG OF BORING 2002 WL J019319.02 - PSB.GPJ 00 CLONE ME.GPJ 1/8/15

GROUNDWATER DATA

X FREE WATER NOT ENCOUNTERED DURING DRILLING

DRILLING DATA

__ AUGER 4 1/4" HOLLOW STEM
WASHBORING FROM 30 FEET
THR DRILLER BJS LOGGER
CME 55HTX DRILL RIG
HAMMER TYPE Auto
HAMMER EFFICIENCY 88 %

REMARKS:

Drawn by: AGB	Checked by: CKK	App'vd. by: FC
Date: 4/3/14	Date: 1/9/15	Date: 1/9/15

GEOTECHNOLOGY INC FROM THE GROUND UP

Illinois Approach
Substructure Rehabilitation
Poplar Street Bridge Widening
East St. Louis, Illinois

LOG OF BORING: I-6.2

Project No. J019319.02

Surface Elevation: 412 | Completion Date: 3/12/14
Datum: msl

DEPTH IN FEET	DESCRIPTION OF MATERIAL	DRY UNIT WEIGHT (pcf) SPT BLOW COUNTS CORE RECOVERY/RQD	SAMPLES
	Soft to medium stiff, gray, sandy SILT - ML *(continued)*		
	Medium dense to dense, gray, poorly graded SAND with silt - (SP-SM)		
45		13-21-23	SS14
50		18-23-18	SS15
55		10-17-14	SS16
60		17-20-27	SS17
65		20-15-15	SS18
70		9-14-14	SS19
75	Medium dense, gray, poorly graded SAND - (SP)	9-11-11	SS20

SHEAR STRENGTH, tsf: Δ - UU/2, ○ - QU/2, □ - SV (0.5, 1.0, 1.5, 2.0, 2.5)
STANDARD PENETRATION RESISTANCE ▲ N-VALUE (BLOWS PER FOOT) (ASTM D 1586)
WATER CONTENT, % PL 10 20 30 40 50 LL

NOTE: STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARIES BETWEEN SOIL TYPES AND THE TRANSITION MAY BE GRADUAL. GRAPHIC LOG FOR ILLUSTRATION PURPOSES ONLY.

LOG OF BORING 2002 WL J019319.02 - PSB.GPJ 00 CLONE ME.GPJ 1/8/15

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GEOTECHNOLOGY INC FROM THE GROUND UP

Illinois Approach
Substructure Rehabilitation
Poplar Street Bridge Widening
East St. Louis, Illinois

CONTINUATION OF
LOG OF BORING: I-6.2

Project No. J019319.02

FOR INFORMATION ONLY

LICENSED STRUCTURAL ENGINEER STEPHEN E. ALSBURY 081-3281 STATE OF ILLINOIS
EXPIRES 11-30-16

DATE	
12/1/2015	DATE PREPARED
ROUTE I-64	STATE IL
DISTRICT STL	SHEET NO. 68
COUNTY ST. CLAIR	
JOB NO. J612377C/J612377D	
CONTRACT ID. –	
PROJECT NO. –	
BRIDGE NO. 082-0005	

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

ABNA
4140 Lindell Boulevard
St. Louis, MO 63104
314-454-0222
Certificate of Authority: 001507

REV.

BORING DATA

Note:
For location of borings, see Sheet 1.

Detailed Nov 2015
Checked Nov 2015

Note: This drawing is not to scale. Follow dimensions.

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