Surface Elevation: 412 | Completion Date: 3/6/14
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, cinders, brick, glass, and wood fragments		GB1, GB2
5		1-1-2	SS3
		0-1-1	SS4
10		3-3-3	SS5
	Soft to medium stiff, gray, sitly CLAY - (CL)	1-2-1	SS6
15	dry unit weight = 82 pcf	0-1-1	SS7
20	dry unit weight = 78 pcf	1-1-1	SS8
		2-2-2	SS9
25		1-1-2	SS10
	Loose to dense, gray, poorly graded SAND - (SP)	3-4-3	SS11
30			
		3-5-5	SS12
35		13-17-15	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

ENCOUNTERED AT 13.5 FEET ▽

DRILLING DATA

__ AUGER 3 3/4" HOLLOW STEM
WASHBORING FROM 30 FEET
THR DRILLER DLD LOGGER
CME 55HT DRILL RIG
HAMMER TYPE Auto
HAMMER EFFICIENCY 85 %

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-6.1

Project No. J019319.02

Surface Elevation: 412 | Completion Date: 3/6/14
Datum: msl

DEPTH IN FEET	DESCRIPTION OF MATERIAL	DRY UNIT WEIGHT (pcf) SPT BLOW COUNTS CORE RECOVERY/RQD	SAMPLES
	Loose to dense, gray, poorly graded SAND - (SP) *(continued)*		
	Medium dense to dense, gray, silty SAND - (SM)	8-10-12	SS14
45			
50		9-15-21	SS15
	Medium dense to very dense, gray, poorly graded SAND - (SP)	12-9-13	SS16
55			
60		12-12-12	SS17
65		13-26-32	SS18
		12-19-23	SS19
70			
75	Medium dense, gray, silty SAND - (SM)	8-13-12	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

GROUNDWATER DATA

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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-6.1

Project No. J019319.02

FOR INFORMATION ONLY

LICENSED STRUCTURAL ENGINEER STEPHEN E. ALSBURY 081-5281 STATE OF ILLINOIS
EXPIRES 11-30-16

DATE	DESCRIPTION
12/1/2015	

DATE PREPARED

ROUTE	STATE
I-64	IL
DISTRICT	SHEET NO.
STL	65

COUNTY: ST. CLAIR
JOB NO.: J612377C/J612377D
CONTRACT ID.: –
PROJECT NO.: –
BRIDGE NO.: 082-0005

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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

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.

REV.

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