Surface Elevation: 412 | Completion Date: 3/24/14
Datum: msl

DEPTH IN FEET	DESCRIPTION OF MATERIAL	DRY UNIT WEIGHT (pcf) / SPT BLOW COUNTS / CORE RECOVERY/RQD	SAMPLES
	FILL: black and gray, silty clay with various amounts of cinders, gravel, coal, glass, and wood fragments		GB1, GB2
5		2-1-1	SS3
		0-1-1	SS4
10		2-1-2	SS5
		1-1-1	SS6
15		18-6-1	SS7
	Soft, gray, silty CLAY - CL	2-1-2	SS8
20		2-1-1	SS9
	Medium stiff to soft, gray CLAY - (CH) dry unit weight = 85 pcf	0-1-1	SS10
25	dry unit weight = 82 pcf		
		1-1-1	SS11
30	Loose to medium dense, gray, poorly graded SAND - (SP)		
		3-4-4	SS12
35		6-7-8	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
143
65

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

GROUNDWATER DATA
ENCOUNTERED AT 16 FEET ▽

DRILLING DATA
__ AUGER 3 3/4" HOLLOW STEM
WASHBORING FROM 25 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-5.2

Project No. J019319.02

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

Surface Elevation: 412 | Completion Date: 3/24/14
Datum: msl

DEPTH IN FEET	DESCRIPTION OF MATERIAL	DRY UNIT WEIGHT (pcf) / SPT BLOW COUNTS / CORE RECOVERY/RQD	SAMPLES
	Loose to medium dense, gray, poorly graded SAND - (SP) *(continued)*		
	Medium dense to dense, gray, poorly graded SAND with silt - (SP-SM)	8-9-12	SS14
45			
		15-16-17	SS15
50			
		12-22-23	SS16
55	Medium dense to dense, gray, poorly graded SAND - (SP)		
		10-9-16	SS17
60			
		11-18-11	SS18
65			
		24-24-25	SS19
70			
		10-14-17	SS20
75			

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.

GROUNDWATER DATA
ENCOUNTERED AT 16 FEET ▽

DRILLING DATA
__ AUGER 3 3/4" HOLLOW STEM
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REMARKS:

Drawn by: AGB	Checked by: CKK	App'vd. by: FC
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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-5.2

Project No. J019319.02

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

FOR INFORMATION ONLY

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

DATE	12/1/2015
DATE PREPARED	
ROUTE	I-64
STATE	IL
DISTRICT	STL
SHEET NO.	62
COUNTY	ST. CLAIR
JOB NO.	J612377C/J612377D
CONTRACT ID.	–
PROJECT NO.	–
BRIDGE NO.	082-0005

DATE	DESCRIPTION

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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