Surface Elevation: 412 | Completion Date: 3/27/14
Datum: msl

DEPTH IN FEET	DESCRIPTION OF MATERIAL	DRY UNIT WEIGHT (pcf) SPT BLOW COUNTS CORE RECOVERY/RQD	SAMPLES	WATER CONTENT, % (PL 10 20 30 40 50 LL) / 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)
	FILL: various amounts of silty clay and sand with gravel, cinders, and glass fragments		GB1	
			GB2	
5		4-3-2	SS3	
		2-1-2	SS4	
10		1-1-2	SS5	64
	Soft to very soft, gray, silty CLAY - (CL)	0-1-1	SS6	
15		1-0-1	SS7	
		0-1-1	SS8	
20	Medium stiff, gray CLAY - (CH) dry unit weight = 77 pcf	0-1-1	SS9	61 >>
	Medium stiff, gray, silty CLAY - CL dry unit weight = 70 pcf	0-1-2	SS10	
25				
30		0-1-1	SS11	
		1-2-2	SS12	
35	Medium dense, poorly graded SAND with silt - (SP-SM)	7-8-9	SS13	

GROUNDWATER DATA

ENCOUNTERED AT 16 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-5.1

Project No. J019319.02

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

Surface Elevation: 412 | Completion Date: 3/27/14
Datum: msl

DEPTH IN FEET	DESCRIPTION OF MATERIAL	DRY UNIT WEIGHT (pcf) SPT BLOW COUNTS CORE RECOVERY/RQD	SAMPLES
	Medium dense, poorly graded SAND with silt - (SP-SM) *(continued)*		
45		6-9-13	SS14
50		14-17-13	SS15
	Medium dense to dense, poorly graded SAND - (SP)	7-10-10	SS16
55			
60		17-16-14	SS17
65		14-18-19	SS18
70		9-12-13	SS19
75	Medium dense to dense, silty SAND - (SM)	6-10-12	SS20

GROUNDWATER DATA

ENCOUNTERED AT 16 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
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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-5.1

Project No. J019319.02

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

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	59

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

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

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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