Surface Elevation: 411.99 | Completion Date: 3/22/13
Datum: msl | Latitude: 14035275.09 | Longitude: 2446984.93

DEPTH IN FEET	DESCRIPTION OF MATERIAL	DRY UNIT WEIGHT (pcf) SPT BLOW COUNTS CORE RECOVERY/RQD	SAMPLES
	FILL: black sand, gravel and cinders (slag)	1-3-4	SS1
		6-7-3	SS2
5		1-2-1	SS3
		2-4-6	SS4
10		2-3-2	SS5
	Very soft to medium stiff, gray CLAY - (CH)	2-0-2	SS6
15		85	ST7
		85	ST8
20	trace sand	0-0-0	SS9
		0-1-1	SS10
25	Loose to medium dense, fine-grained SAND with silt - (SP-SM)		
30		0-3-4	SS11
35		6-5-9	SS12
40		13-15-14	SS13
45	dense	17-19-14	SS14
		8-8-6	SS15

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 J019319.01 - POPLAR STREET BRIDGE.GPJ 00 CLONE ME.GPJ

GROUNDWATER DATA

X FREE WATER NOT ENCOUNTERED DURING DRILLING

DRILLING DATA

__ AUGER 4 1/4" HOLLOW STEM
WASHBORING FROM 21 FEET
BF DRILLER DLD LOGGER
CME 550X DRILL RIG
HAMMER TYPE Auto
HAMMER EFFICIENCY 84 %

REMARKS:
Sta. 49+56.18
87.18' RT.

Drawn by: AGB	Checked by: CKK	App'vd. by: FC
Date: 3/29/13	Date: 1/9/15	Date: 1/9/15

GEOTECHNOLOGY INC FROM THE GROUND UP

Poplar Street Bridge Widening
St. Louis, Missouri to East St. Louis, Illinois

LOG OF BORING: I-6

Project No. J019319.01

Surface Elevation: 411.99 | Completion Date: 3/22/13
Datum: msl | Latitude: 14035275.09 | Longitude: 2446984.93

DEPTH IN FEET	DESCRIPTION OF MATERIAL	DRY UNIT WEIGHT (pcf) SPT BLOW COUNTS CORE RECOVERY/RQD	SAMPLES
	Medium dense to dense, fine to medium-grained SAND - (SP) *(continued)*		
	dense	13-21-23	SS16
55			
	Medium dense to very dense, gray, fine to medium-grained SAND, trace silt, some gravel - (SP-SM)		
	trace gravel	7-11-14	SS17
60			
		14-17-20	SS18
65			
		21-24-16	SS19
70	rough drilling		
75	Medium dense, gray, fine-grained, silty SAND - SM		
80		6-10-13	SS20
85	Dense, gray, fine-grained SAND - SP		
90		18-21-23	SS21
95			
		12-16-17	SS22

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 J019319.01 - POPLAR STREET BRIDGE.GPJ 00 CLONE ME.GPJ

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GEOTECHNOLOGY INC FROM THE GROUND UP

Poplar Street Bridge Widening
St. Louis, Missouri to East St. Louis, Illinois

CONTINUATION OF LOG OF BORING: I-6

Project No. J019319.01

FOR INFORMATION ONLY

LICENSED STRUCTURAL ENGINEER STEPHEN E. ALSBURY 061-5084 STATE OF ILLINOIS
EXPIRES 11-30-16

DATE	
12/1/2015	DATE PREPARED
ROUTE I-64	STATE IL
DISTRICT STL	SHEET NO. 57
COUNTY ST. CLAIR	
JOB NO. J612377C/J612377D	
CONTRACT ID. –	
PROJECT NO. –	
BRIDGE NO. 082-0005	

DESCRIPTION | DATE

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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