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

DEPTH IN FEET	DESCRIPTION OF MATERIAL	GRAPHIC LOG	DRY UNIT WEIGHT (pcf) SPT BLOW COUNTS CORE RECOVERY/RQD	SAMPLES	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)
	Medium dense, gray, poorly graded SAND - (SP) *(continued)*				
85					
			11-13-14	SS21	
90					
95					
			10-10-10	SS22	
100					
105					
			12-13-15	SS23	
110					
115					
	dense		23-23-24	SS24	

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

CONTINUATION OF
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	GRAPHIC LOG	DRY UNIT WEIGHT (pcf) SPT BLOW COUNTS CORE RECOVERY/RQD	SAMPLES	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)
	Medium dense, gray, poorly graded SAND - (SP) *(continued)*				
	Medium dense, gray, well graded SAND with gravel - (SW)				
125					
			6-7-6	SS25	
130					
135					
	Hard, gray, aphanitic to very finely crystalline, banded to thick bedded, fresh to slightly weathered LIMESTONE with shale partings		100% 56%	NX1	
140	unconfined compressive strength = 24,213 psi (3,487 ksf)		100% 88%	NX2	
145	unconfined compressive strength = 30,145 psi (4,340 ksf)		100% 83%	NX3	
150	unconfined compressive strength = 23,637 psi (3,404 ksf)		100% 95%	NX4	
155	unconfined compressive strength = 24,849 psi (3,578 ksf)		100% 100%	NX5	

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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HAMMER TYPE Auto
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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-6.2

Project No. J019319.02

FOR INFORMATION ONLY

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

DATE	DESCRIPTION	DATE
12/1/2015		

DATE PREPARED

ROUTE	STATE
I-64	IL
DISTRICT	SHEET NO.
STL	69

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

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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