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

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)
	shale partings				
	Hard, gray, aphanitic, banded to thick bedded, fresh to slightly weathered LIMESTONE with shale partings *(continued)*		95% 88%	NX5	
	unconfined compressive strength = 17,502 psi (2,520 ksf)				
	shale partings				
165	Core loss - 3 inches				
	Boring terminated at 163.7 feet.				
170					
175					
180					
185					
190					
195					

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 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

CONTINUATION OF LOG OF BORING: I-5.1

Project No. J019319.02

FOR INFORMATION ONLY

BORING DATA

Note:
For location of borings, see Sheet 1.

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	61

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

REV.

Detailed Nov 2015
Checked Nov 2015

Note: This drawing is not to scale. Follow dimensions.

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