

CLAUDE H. HURLEY COMPANY <b>BORING LOG</b>							
PROJECT NO. 3-380-D4		BORING NO. SB-233					
PROJECT FAI-74 IMPROVEMENTS - MAIN STREET/CAMP STREET CORRIDOR							
LOCATION BRIDGE NO. 090-0156 RAMP K-2BL 10+616.1 3.3mL PEORIA & TAZEWELL COUNTIES, ILLINOIS							
DRILLING CONTRACTOR D & G DRILLING, INC.							
DATE OF DRILLING: STARTED 12-28-94 COMPLETED 12-28-94 SURFACE ELEVATION 143.27							
DRILLED BY D. ROESEL LOGGED BY M. DOOLEY							
Elev	CLASSIFICATION	Depth	N Bp0.15m	Qu kPa	w %	γd kgpm <sup>3</sup>	GROUNDWATER DATA
							DATE DEPTH HOUR
	PAVEMENT MATERIALS: 38mm AC, 165mm PCC						DRILLING METHOD MOBILE B-57
143.03							DD 12-28 DRY 0
	FILL: DK BR & BR SILTY CLAY LOAM, A-6						AUGER TYPE-DEPTH 0.10m FA-8.8m
							CASING TYPE-DEPTH 0
							SAMPLER TYPE AU-SS
Elev	CLASSIFICATION	Depth	N Bp0.15m	Qu kPa	w %	γd kgpm <sup>3</sup>	GROUNDWATER DATA
	LT GRN GR MASSIVE CLAY SHALE						DRILLING METHOD MOBILE B-57
			35	100	-	10	DD 12-28 DRY 0
141.59	BLK TO DK BR SILTY LOAM, A-7-5						RW 11-1 - 0
							WC 11-3 1.2 2d
140.83	DK BR TO BR LOAM, A-4						
140.07	DK BR TO BR SILTY LOAM, A-4						
139.31	BR, GR & GRN GR SILTY CLAY, A-7-6						
137.78	DK GR & GRN GR MASSIVE CLAY SHALE						
137.02	LT GRN GR MASSIVE CLAY SHALE						

CLAUDE H. HURLEY COMPANY <b>BORING LOG</b>							
PROJECT NO. 3-380-D4		BORING NO. SB-234					
PROJECT FAI-74 IMPROVEMENTS - MAIN STREET/CAMP STREET CORRIDOR							
LOCATION BRIDGE NO. 090-0156 RAMP K-2BL 10+592.8 7.2mL PEORIA & TAZEWELL COUNTIES, ILLINOIS							
DRILLING CONTRACTOR D & G DRILLING, INC.							
DATE OF DRILLING: STARTED 11-1-94 COMPLETED 11-1-94 SURFACE ELEVATION 143.56							
DRILLED BY D. ROESEL LOGGED BY J. DUDLICEK							
Elev	CLASSIFICATION	Depth	N Bp0.15m	Qu kPa	w %	γd kgpm <sup>3</sup>	GROUNDWATER DATA
							DATE DEPTH HOUR
	SIDEWALK MATERIALS: 76mm AC						DRILLING METHOD MOBILE B-57
143.47							DD 11-1 DRY 0
	FILL: BR, DK BR & GRN GR SILTY CLAY LOAM, A-6						AUGER TYPE-DEPTH 0.10m FA-1.5m
							CASING TYPE-DEPTH 0
							SAMPLER TYPE AU-SS
Elev	CLASSIFICATION	Depth	N Bp0.15m	Qu kPa	w %	γd kgpm <sup>3</sup>	GROUNDWATER DATA
	LT GRN GR MASSIVE CLAY SHALE						DRILLING METHOD MOBILE B-57
			2	270	29		DD 11-1 DRY 0
142.65	FILL: BR, GRN GR & GR SILTY CLAY, A-7-6						RW 11-1 - 0
							WC 11-3 1.2 2d
141.40	DK GR LAMINATED CLAY SHALE						
141.12	DK GR & GRN GR MASSIVE CLAY SHALE						
139.60	BR, GR & GRN GR SILTY CLAY, A-7-6						
	LT GRN GR MASSIVE CLAY SHALE						

CLAUDE H. HURLEY COMPANY <b>BORING LOG</b>							
PROJECT NO. 3-380-D4		BORING NO. SB-284					
PROJECT FAI-74 IMPROVEMENTS - MAIN STREET/CAMP STREET CORRIDOR							
LOCATION BRIDGE NO. 090-0007 EB1-74BL 153+052.7 3.5mL PEORIA & TAZEWELL COUNTIES, ILLINOIS							
DRILLING CONTRACTOR CENTRAL ILLINOIS DRILLING COMPANY							
DATE OF DRILLING: STARTED 3-11-96 COMPLETED 3-11-96 SURFACE ELEVATION 143.59							
DRILLED BY S. SCOTT LOGGED BY M. DENAULT/R. HOEKSTRA							
Elev	CLASSIFICATION	Depth	N Bp0.15m	Qu kPa	w %	γd kgpm <sup>3</sup>	GROUNDWATER DATA
							DATE DEPTH HOUR
	PAVEMENT MATERIALS: 51mm AC, 254mm PCC						DRILLING METHOD CME-850
143.79	FILL: BR SILTY CLAY LOAM, A-4						DD 3-11 3.1 -
							AUGER TYPE-DEPTH 0.08m HSA-4.9m
							CASING TYPE-DEPTH NXDB-9.6m
							SAMPLER TYPE AU-SS-DB
Elev	CLASSIFICATION	Depth	N Bp0.15m	Qu kPa	w %	γd kgpm <sup>3</sup>	GROUNDWATER DATA
	DK BR SILTY LOAM, A-4						DRILLING METHOD CME-850
			6	490	14		DD 3-11 3.1 -
142.98							AUGER TYPE-DEPTH 0.08m HSA-4.9m
							CASING TYPE-DEPTH NXDB-9.6m
							SAMPLER TYPE AU-SS-DB
Elev	CLASSIFICATION	Depth	N Bp0.15m	Qu kPa	w %	γd kgpm <sup>3</sup>	GROUNDWATER DATA
	LT GRN GR MASSIVE CLAY SHALE						DRILLING METHOD CME-850
			4	165	22		DD 3-11 3.1 -
142.37	DK BR, BR & GR SILTY LOAM, A-4						AUGER TYPE-DEPTH 0.08m HSA-4.9m
							CASING TYPE-DEPTH NXDB-9.6m
							SAMPLER TYPE AU-SS-DB
Elev	CLASSIFICATION	Depth	N Bp0.15m	Qu kPa	w %	γd kgpm <sup>3</sup>	GROUNDWATER DATA
	DK GR SILT, A-4 W/ FREQ ORGANIC FIBERS						DRILLING METHOD CME-850
			2	30	30		DD 3-11 3.1 -
141.76							AUGER TYPE-DEPTH 0.08m HSA-4.9m
							CASING TYPE-DEPTH NXDB-9.6m
							SAMPLER TYPE AU-SS-DB
Elev	CLASSIFICATION	Depth	N Bp0.15m	Qu kPa	w %	γd kgpm <sup>3</sup>	GROUNDWATER DATA
	GR & BR LOAM, A-4						DRILLING METHOD CME-850
			2	50	27		DD 3-11 3.1 -
140.45							AUGER TYPE-DEPTH 0.08m HSA-4.9m
							CASING TYPE-DEPTH NXDB-9.6m
							SAMPLER TYPE AU-SS-DB
Elev	CLASSIFICATION	Depth	N Bp0.15m	Qu kPa	w %	γd kgpm <sup>3</sup>	GROUNDWATER DATA
	BR SANDY LOAM, A-2-4						DRILLING METHOD CME-850
			2	15			DD 3-11 3.1 -
140.08							AUGER TYPE-DEPTH 0.08m HSA-4.9m
							CASING TYPE-DEPTH NXDB-9.6m
							SAMPLER TYPE AU-SS-DB
Elev	CLASSIFICATION	Depth	N Bp0.15m	Qu kPa	w %	γd kgpm <sup>3</sup>	GROUNDWATER DATA
	LT GRN GR MASSIVE CLAY SHALE						DRILLING METHOD CME-850
			13	26	62		DD 3-11 3.1 -
139.32							AUGER TYPE-DEPTH 0.08m HSA-4.9m
							CASING TYPE-DEPTH NXDB-9.6m
							SAMPLER TYPE AU-SS-DB
Elev	CLASSIFICATION	Depth	N Bp0.15m	Qu kPa	w %	γd kgpm <sup>3</sup>	GROUNDWATER DATA
	LT GRN GR MASSIVE CLAY SHALE						DRILLING METHOD CME-850
							DD 3-11 3.1 -
							AUGER TYPE-DEPTH 0.08m HSA-4.9m
							CASING TYPE-DEPTH NXDB-9.6m
							SAMPLER TYPE AU-SS-DB

**LEGEND - CLAUDE H. HURLEY COMPANY TEST BORING LOGS**

- A-1 to A-7 (and subgroups) Engineering classifications of soil samples in accordance with AASHTO M 145 standard specification.
- N,Bp0.15m Number of blows required to drive a standard soil sampling device 0.15 m as conducted in accordance with AASHTO T 206 standard specification.
- Qu, kPa Unconfined compression strength of soil sample in kilopascals determined in accordance with AASHTO T 208 standard specification.
- w, % Natural moisture content of soil sample in percent determined in accordance with AASHTO T 265 standard specification.
- γd, kgpm<sup>3</sup> Dry density of soil sample in kilograms per cubic meter.

**GROUNDWATER DATA**

- DD During Drilling
- BAR Before Auger Removal
- AAR After Auger Removal
- DC Dry Collapse
- WC Wet Collapse
- d Days
- n Hours

**DRILLING METHOD**

- FA Flight Auger
- RW Rotary Wash
- HSA Hollow Stem Auger
- AU Auger
- SS Split Spoon



SOIL BORINGS  
WB INTERSTATE 74  
OVER MAIN STREET  
(IL RTE. 116) F.A.I.  
ROUTE 74 - SEC.  
(90-11HB)BR  
TAZEWELL COUNTY  
STATION 153+050.716  
STRUCTURE NO.  
090-0160