

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

68201

ROUTE NO.	SECTION	COUNT*	TOTAL SHEETS	SHEET NO.
S. B. I.	F. A. 1-74	*	1366	446
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

SHEET NO. 24
25 SHEETS

*(90-11H)BR

CLAUDE H. HURLEY COMPANY											
BORING LOG						BORING NO. SB-231					
PROJECT NO. 3-380-D4											
PROJECT FAI-74 IMPROVEMENTS - MAIN STREET/CAMP STREET CORRIDOR											
LOCATION BRIDGE NO. 090-0007 EBI-74BL 153+019.7 3.6mL PEORIA & TAZEWELL COUNTIES, ILLINOIS											
DRILLING CONTRACTOR HANG ENGINEERING, INC.											
DATE OF DRILLING: STARTED 11-15-94 COMPLETED 11-15-94 SURFACE ELEVATION 149.42											
DRILLED BY J. WHEELER LOGGED BY M. DOOLEY											
Elev	CLASSIFICATION	Depth	N Bp0.15m	Qu KPa	w %	γ _d kgpm ³	GROUNDWATER DATA			DRILLING METHOD	
							DATE	DEPTH	HOUR	RIG TYPE	CME-55
149.12	TOPSOIL FILL: DK BR SILTY LOAM, A-4						DD	11-15	14.6	-	0.10m FA-1.5m
							RW	11-15	-	0	RM-17.3m
							DC	11-17	0.9	2d	AU-SS
146.99	FILL: BR LOAM, A-4										
146.23	FILL: BR CLAY LOAM TO SILTY CLAY LOAM, A-4										
143.18	FILL: DK BR SILTY LOAM, A-4										

CLAUDE H. HURLEY COMPANY											
BORING LOG						BORING NO. SB-231 (Cont.)					
PROJECT NO. 3-380-D4											
PROJECT FAI-74 IMPROVEMENTS - MAIN STREET/CAMP STREET CORRIDOR											
LOCATION BRIDGE NO. 090-0007 EBI-74BL 153+019.7 3.6mL PEORIA & TAZEWELL COUNTIES, ILLINOIS											
DRILLING CONTRACTOR HANG ENGINEERING, INC.											
DATE OF DRILLING: STARTED 11-15-94 COMPLETED 11-15-94 SURFACE ELEVATION 149.42											
DRILLED BY J. WHEELER LOGGED BY M. DOOLEY											
Elev	CLASSIFICATION	Depth	N Bp0.15m	Qu KPa	w %	γ _d kgpm ³	GROUNDWATER DATA			DRILLING METHOD	
							DATE	DEPTH	HOUR	RIG TYPE	CME-55
135.56	BR LOAM, A-4						DD	11-15	14.6	-	0.10m FA-1.5m
134.80	DK BR TO BR CLAY LOAM, A-4						RW	11-15	-	0	RM-17.3m
134.04	BR SANDY LOAM, A-2-4						DC	11-17	0.9	2d	AU-SS
133.27	LT GRN GR MASSIVE CLAY SHALE										
132.12	END OF BORING										

CLAUDE H. HURLEY COMPANY											
BORING LOG						BORING NO. SB-232					
PROJECT NO. 3-380-D4											
PROJECT FAI-74 IMPROVEMENTS - MAIN STREET/CAMP STREET CORRIDOR											
LOCATION BRIDGE NO. 090-0007 EBI-74BL 153+095.8 3.6mL PEORIA & TAZEWELL COUNTIES, ILLINOIS											
DRILLING CONTRACTOR D & G DRILLING, INC.											
DATE OF DRILLING: STARTED 11-15-94 COMPLETED 11-15-94 SURFACE ELEVATION 149.08											
DRILLED BY D. ROESEL LOGGED BY K. OLSON											
Elev	CLASSIFICATION	Depth	N Bp0.15m	Qu KPa	w %	γ _d kgpm ³	GROUNDWATER DATA			DRILLING METHOD	
							DATE	DEPTH	HOUR	RIG TYPE	MOBILE B-57
148.78	TOPSOIL FILL: DK BR SILTY LOAM, A-4						DD	11-15	6.2	-	0.15m HSA-1.5m
							RW	11-15	-	0	RM-11.2m
							DC	11-17	1.5	2d	AU-SS
146.64	BLK TO DK BR SILTY LOAM, A-7-5										
145.88	DK BR SILTY LOAM, A-4										
145.12	DK BR TO BR LOAM, A-4										
144.36	DK BR TO BR SILTY LOAM, A-4										
142.83	DK BR TO BR CLAY LOAM, A-4										
142.53	DK GR CLAY LOAM, A-4 W/ FREQ ORGANIC FIBERS										
142.07											

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.
- Q_u, 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.
- γ_d, kgpm³ 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
- h 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.
(90-11H)BR
TAZEWELL COUNTY
STATION 153+050.716
STRUCTURE NO.
090-0160

