

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 23 25 SHEETS
S. B. I.	F. A. I.-74	* TAZEWELL	1366	445	
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT		

\*(90-11HB)BR

CLAUDE H. HURLEY COMPANY										
BORING LOG					BORING NO. SB-229					
PROJECT NO. 3-380-D4										
PROJECT FAI-74 IMPROVEMENTS - MAIN STREET/CAMP STREET CORRIDOR										
LOCATION BRIDGE NO. 090-0155 EBI-74BL 153+041.2 13.38R PEORIA & TAZEWELL COUNTIES, ILLINOIS										
DRILLING CONTRACTOR D & G DRILLING, INC.										
DATE OF DRILLING: STARTED 12-28-94 COMPLETED 12-28-94 SURFACE ELEVATION 143.04										
DRILLED BY D. ROESEL LOGGED BY M. DOOLEY										
Elev	CLASSIFICATION	Depth	GROUNDWATER DATA				DRILLING METHOD			
			N Bp0.15m	Qu KPa	w %	γd Kgpm <sup>3</sup>	DATE	DEPTH	HOUR	RIG TYPE
	PAVEMENT MATERIALS: 38mm AC, 165mm PCC									
142.80		5 5 6	510	12		DD	12-28	4.7	MOBILE B-57	
										AUGER TYPE-DEPTH 0.10m FA-10.3m
										CASING TYPE-DEPTH -
										SAMPLER TYPE AU-SS
	FILL: DK BR & BR SILTY CLAY LOAM, A-6	3 4 5	200	15						
		3 4 5								
		3 4 5	145	15						
140.60		3 5 5	230	20						
	DK BR TO BR SILTY LOAM, A-4	3 4 5								
		3 4 5	285	20						
139.08		2 2 2								
	BR TO DK BR CLAY LOAM, A-4	2 2 2	55	18						
		2 2 2								
138.32		2 2 2	65	24						
	BR SILTY LOAM, A-4	2 2 2								
		3 4 4	165	27						
137.56		3 4 4								
	BR & GR SILTY CLAY LOAM, A-7-5 W/ SHELLS	3 4 4								
		3 4 8	250	23						
136.79		3 4 8								
	BR & GRN GR SILTY CLAY, A-7-6	3 4 8								
136.03										

CLAUDE H. HURLEY COMPANY										
BORING LOG					BORING NO. SB-230					
PROJECT NO. 3-380-D4										
PROJECT FAI-74 IMPROVEMENTS - MAIN STREET/CAMP STREET CORRIDOR										
LOCATION BRIDGE NO. 090-0155 EBI-74BL 153+065.3 12.88R PEORIA & TAZEWELL COUNTIES, ILLINOIS										
DRILLING CONTRACTOR D & G DRILLING, INC.										
DATE OF DRILLING: STARTED 11-1-94 COMPLETED 11-1-94 SURFACE ELEVATION 143.32										
DRILLED BY D. ROESEL LOGGED BY J. DUDLICEK										
Elev	CLASSIFICATION	Depth	GROUNDWATER DATA				DRILLING METHOD			
			N Bp0.15m	Qu KPa	w %	γd Kgpm <sup>3</sup>	DATE	DEPTH	HOUR	RIG TYPE
	SIDEWALK MATERIALS: 75mm AC									
143.23		2 3 2				DD	11-1	DRY	MOBILE B-57	
										AUGER TYPE-DEPTH 0.10m FA-2.4m
										CASING TYPE-DEPTH -
										SAMPLER TYPE AU-SS
	TRENCH BACKFILL: BR GRAVELLY SAND, A-1-b	2 1 1								
		1 1 1								
		1 1 1								
140.88		3 3 5	335	26						
	FILL: BR & GR SILTY CLAY, A-7-6 W/ SHALE FRAGMENTS	3 3 5								
		4 7 12								
140.12		4 7 12								
	DK GR & GRN GR MASSIVE CLAY SHALE	4 7 12								
		8 19 21								
		8 19 21								
138.59		28 43 51								
	LT GRN GR MASSIVE CLAY SHALE	28 43 51								
		25 54 100/0.08m								
		50 100								

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<sub>Bp0.15m</sub> 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<sub>u</sub>, 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<sub>d</sub>, 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
- 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.  
(90-11HB)BR  
TAZEWELL COUNTY  
STATION 153+050.716  
STRUCTURE NO.  
090-0160