

ROUTE NO.	SECT.	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 74	(72-7) R-3	PEORIA	624	1360
FED. ROAD NO. 7	DIST.	ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 68200

LEGEND - CLAUDE H. HURLEY COMPANY TEST BORING LOGS

A-1 to A-8 Engineering classifications of soil in accordance with AASHTO M 145 standard specification.

Silty Clay Loam Textural classification of soil in accordance with IDOT Triangular Chart.

Laminated Coal Shale Textural and engineering classification of bedrock in accordance with conventional practice.

N,Bp0.15m N-value or standard penetration test value. Number of blows required to drive a standard split-spoon sampler 0.15 m as conducted in accordance with AASHTO T 206 standard specification.

Q_u, kPa Unconfined compression strength of soil in kilopascals determined in accordance with AASHTO T 208 standard specification.

w, % Natural moisture content of soil and bedrock in percent determined in accordance with AASHTO T 265 standard specification and AASHTO T 265/ASTM D 2216 for bedrock.

Y_d, kgpm³ Dry unit weight of soil and bedrock in kilograms per cubic meter determined in accordance with standard practice.

GROUNDWATER DATA

DD Water Level During Drilling
 BAR Water Level Before Auger Removal
 AAR Water Level After Auger Removal
 DC Dry Cave Level
 WC Wet Cave Level
 d Days
 h Hours

DRILLING METHOD

FA Flight Auger
 RW Rotary Wash
 HSA Hollow Stem Auger

SAMPLE TYPE

AU Auger
 SS Standard Split-barrel
 ST Thin-walled Tube
 DB Core Barrel

NOTES

1. The abbreviations, symbols and definitions in this Legend are commonly used and understood in the engineering and construction practices and are presented only for information and communication.

2. The Geotechnical Data presented in this Legend and on the Boring Logs are to be interpreted by personnel educated, trained, experienced and licensed to practice Geotechnical Engineering, and in direct communication with the Claude H. Hurley Company.

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CLAUDE H. HURLEY COMPANY									
BORING LOG					BORING NO. SB-30				
PROJECT NO. 3-380-05									
PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR									
LOCATION PRELIMINARY BRIDGE RAMP B-4BL 10+268.8 2.96R PEORIA & TAZEWELL COUNTIES, ILLINOIS									
DRILLING CONTRACTOR D & G DRILLING, INC./CENTRAL ILLINOIS DRILLING COMPANY									
DATE OF DRILLING: STARTED 11-21-94 COMPLETED 3-1-96 SURFACE ELEVATION 196.75									
DRILLED BY D. ROESEL/R. WULF LOGGED BY K. OLSON/S. ARENDIS									
Elev	CLASSIFICATION	Depth	GROUNDWATER DATA				DRILLING METHOD		
			N	Q _u	w	Y _d	DATE	DEPTH	HOUR
196.45	SHOULDER MATERIALS: 58mm AC, 254mm GRAVELLY SAND, A-1-b								
	FILL: BR & GR BR SILTY CLAY LOAM, A-4	4	240	18		DD	11-21	12.65	
		5				WC	3-1	7.62	0
		6					3-6	4.82	5d
195.84		7		9					
	FILL: GR & BR GRAVELLY SAND, A-1-b	8							
		10							
		11							
		12							
		13							
194.31		14							
	FILL: BR & GR BR SILTY CLAY LOAM, A-6	1	50	22					
		2							
		3							
193.74		4							
	BR, GR & DK GR CLAY LOAM, A-4	1	270	24					
		2							
192.79		3							
	BR, DK BR & GR SILTY CLAY, A-7-6	1	355	27					
		2							
		3							
192.03		4							
	BR, GR & DK BR SILTY CLAY LOAM, A-6	1	180	26					
		2							
		3							
191.26		4							
	BR & GR SILTY LOAM, A-4	1		27					
		2							
		3							
		4							
		5							
		6							
		7							
		8							
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		26							

CLAUDE H. HURLEY COMPANY									
BORING LOG					BORING NO. SB-30 (CONT.)				
PROJECT NO. 3-380-05									
PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR									
LOCATION PRELIMINARY BRIDGE RAMP B-4BL 10+268.8 2.96R PEORIA & TAZEWELL COUNTIES, ILLINOIS									
DRILLING CONTRACTOR D & G DRILLING, INC./CENTRAL ILLINOIS DRILLING COMPANY									
DATE OF DRILLING: STARTED 11-21-94 COMPLETED 3-1-96 SURFACE ELEVATION 196.75									
DRILLED BY D. ROESEL/R. WULF LOGGED BY K. OLSON/S. ARENDIS									
Elev	CLASSIFICATION	Depth	GROUNDWATER DATA				DRILLING METHOD		
			N	Q _u	w	Y _d	DATE	DEPTH	HOUR
182.27	END OF BORING								
	BR SAND, A-3	7		19		DD	11-21	12.65	
		12				WC	3-1	7.62	0
		13					3-6	4.82	5d
181.81		14							
	BR SILTY LOAM, A-4	7		18					
		11							
		14							
		16							
		17							
180.79		18							
	BR GRAVELLY SAND, A-1-b	12		14					
		25							
		27							
		27							
		14							
		24							
		27							
		15							
		27							
		40							
178.16	END OF BORING								
		19							
		20							
		21							
		22							
		23							
		24							
		25							
		26							

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BORING LOGS V

WALL NO. 10 - RAMP B-4
 F.A.I. ROUTE 74 SECTION (72-7)R-3
 PEORIA COUNTY
 STA. 10+149.813 TO STA 10+281.377 (RAMP B-4)
 STRUCTURE NUMBER 072-8559

PARSONS TRANSPORTATION GROUP
 CHICAGO, ILLINOIS

DRAWING NO. 10	SCALE N.T.S.	DATE 6/25/04	SHEET NO. 10
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