

ROUTE NO.	SECT.	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 74	(72-7) R-3	PEORIA	543	1360
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
NO. 7				

CONTRACT NO. 68200

Date: 11/22/2004 Time: 04:02:20 PM

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CLAUDE H. HURLEY COMPANY												
BORING LOG											BORING NO. SB-320	
PROJECT NO. 3-380-D5												
PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR												
LOCATION BRIDGE NO. 072-0190 RAMP B-SBL 10+442.5 2.5mR PEORIA & TAZEWELL COUNTIES, ILLINOIS												
DRILLING CONTRACTOR D & G DRILLING, INC.												
DATE OF DRILLING: STARTED 11-25-97 COMPLETED 11-25-97 SURFACE ELEVATION 194.20												
DRILLED BY D. ROESEL LOGGED BY R. HOEKSTRA												
Elev	CLASSIFICATION	Depth	N Bp0.15m	Q _u KPa	w %	γ _d Kgpm ³	GROUNDWATER DATA			DRILLING METHOD		
							DATE	DEPTH	HOUR	RIG TYPE	MOBILE B-57	0.10m FA-1.5m
	AU											
		3		290	13							
		4										
		5										
		1		385	13							
		4										
		5		395	13							
		9										
		4		500	13							
		5										
		9										
		4		285	15							
		5										
		6										
		3		295	13							
		5										
		7										
		4		285	14							
		7										
		3		365	14							
		5										
		8										
		3		280	14							
		4										
		7										
		13										

CLAUDE H. HURLEY COMPANY												
BORING LOG											BORING NO. SB-320 (CONT)	
PROJECT NO. 3-380-D5												
PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR												
LOCATION BRIDGE NO. 072-0190 RAMP B-SBL 10+442.5 2.5mR PEORIA & TAZEWELL COUNTIES, ILLINOIS												
DRILLING CONTRACTOR D & G DRILLING, INC.												
DATE OF DRILLING: STARTED 11-25-97 COMPLETED 11-25-97 SURFACE ELEVATION 194.20												
DRILLED BY D. ROESEL LOGGED BY R. HOEKSTRA												
Elev	CLASSIFICATION	Depth	N Bp0.15m	Q _u KPa	w %	γ _d Kgpm ³	GROUNDWATER DATA			DRILLING METHOD		
							DATE	DEPTH	HOUR	RIG TYPE	MOBILE B-57	0.10m FA-1.5m
		17										
		23										
		32										
		14		26								
		28										
		27										
		179.57										
		11										
		15		500	12							
		17										
		178.96										
		16										
		17										
		18										
		19										
		20										

LEGEND

A-1 to A-8 (and subgroups)	Engineering classifications of soil in accordance with AASHTO M 145 standard specification.	Q _u , kPa	Unconfined compression strength of soil in kilopascals determined in accordance with AASHTO T 208 standard specification.	GROUNDWATER DATA	DRILLING METHOD	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.
Silty Clay Loam	Textural classification of soil in accordance with IDOT Triangular Chart.	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.	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	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	
Laminated Coal Shale	Textural and engineering classification of bedrock in accordance with conventional practice.	γ _d , kgpm ³	Dry unit weight of soil and bedrock in kilograms per cubic meter determined in accordance with standard 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.					

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			
BORING LOGS VI			
RAMPS B-3 AND B-5 OVER WAR MEMORIAL DR. AND RAMP B-6 F.A.I. ROUTE 74 SECTION (72-7) R-3 PEORIA COUNTY STA. 10+618.61 (RAMP B-3) STA. 10+472.60 (RAMP B-5) STRUCTURE NUMBER 072-0190			
PARSONS TRANSPORTATION GROUP CHICAGO, ILLINOIS			
DRAWING NO. 44	SCALE N.T.S.	DATE 2-21-03	SHEET NO. 44