

ROUTE NO.	SECT.	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 74	(72-7) R-3	PEORIA	630	1360
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 68200

LEGEND - CLAUDE H. HURLEY COMPANY TEST BORING LOGS

A-1 to A-8 (and subgroups) Engineering classifications of soil in accordance with AASHTO M 145 standard specification.  $Q_u$ , kPa

Silty Clay Loam Textural classification of soil in accordance with IDOT Triangular Chart.  $w$ , %

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.  $\gamma_d$ , kgpm<sup>3</sup>

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

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.

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.

CLAUDE H. HURLEY COMPANY BORING LOG										
PROJECT NO. 3-380-D5					BORING NO. SB-293 (CONT.)					
PROJECT FAI-74 IMPROVEMENTS - HAR MEMORIAL DRIVE CORRIDOR										
LOCATION BRIDGE NO. 072-0190 RAMP B-SBL 10+529.5 12.6mL PEORIA & TAZEWELL COUNTIES, ILLINOIS										
DRILLING CONTRACTOR CENTRAL ILLINOIS DRILLING COMPANY										
DATE OF DRILLING: STARTED 3-7-96 COMPLETED 3-14-96 SURFACE ELEVATION 199.33										
DRILLED BY R. WULF LOGGED BY S. ARENS										
Elev	CLASSIFICATION	Depth	N Bp0.15m	Q <sub>u</sub> kPa	w %	γ <sub>d</sub> kgpm <sup>3</sup>	GROUNDWATER DATA			DRILLING METHOD
							DATE	DEPTH	HOUR	RIG TYPE
										CRE-55
										AUGER TYPE-DEPTH 0.08m HSA-18.6m
										CASING TYPE-DEPTH
										SAMPLER TYPE AU-SS
183.02	GR GRAVELLY SAND, A-1-b	8	-	16	-	-				
182.57	GR SANDY GRAVEL, A-1-a	18	-	5	-	-				
182.11	RD BR SILTY LOAM, A-4	9	-	15	-	-				
181.80	GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6	15	420	13	-	-				
180.95	GR GRAVELLY SAND, A-1-b	9	575	13	-	-				
180.74	END OF BORING	17	-	5	-	-				

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			
BORING LOGS II			
WALL NO. 11 - RAMP B-3 F.A.I ROUTE 74 SECTION (72-7)R-3 PEORIA COUNTY STATION 10+549.000 TO 10+574.516 (RAMP B-3) STRUCTURE NUMBER 072-8560			
PARSONS TRANSPORTATION GROUP CHICAGO, ILLINOIS			
DRAWING NO. 6	SCALE N.T.S.	DATE 6/25/04	SHEET NO. 6

Time: 01:54:08 PM

Date: 11/22/2004

Filename: P:\649996\str\struct\ur\072-8560-Wall\Sheet\Tracings\BL0002-1A0728560.dgn