Dates: 11/22/2004 Times: 04:04:22 PM
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ROUTE NO.	SECT.	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 74	(72-7) R-3	PEORIA	539	1360
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 68200

CLAUDE H. HURLEY COMPANY — BORING LOG

PROJECT NO. 3-380-D5 — BORING NO. SB-289 (CONT.)
PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR
LOCATION BRIDGE NO. 072-0190 (STRUCTURE) RAMP B-5BL 10+430.1 (STATION) 5.7mL (OFFSET) PEORIA & TAZEWELL COUNTIES, ILLINOIS (STATE)
DRILLING CONTRACTOR CENTRAL ILLINOIS DRILLING COMPANY
DATE OF DRILLING: STARTED 3-1-96 COMPLETED 3-1-96 SURFACE ELEVATION 199.42
DRILLED BY S. SCOTT LOGGED BY R. GERNANT

GROUNDWATER DATA

	DATE	DEPTH	HOUR
DD	3-1	11.64	-
AAR	3-1	DRY	0
-	3-6	13.11	5d

DRILLING METHOD: RIG TYPE CME-850; AUGER TYPE-DEPTH 0.08m HSA-20.1m; CASING TYPE-DEPTH -; SAMPLER TYPE AU-SS

Elev	CLASSIFICATION	Depth	N Bp0.15m	Qu KPa	w %	Yd Kgpm³
	GR SILTY LOAM, A-4					
186.01			4 8 15	385	13	-
	SAND, A-3 & SILT, A-4 SEAMS	14				
			8 9 12	295	14	-
		15				
	GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6		4 6 9	295	14	-
		16	7 13 19	355	14	-
182.66	SAND, A-1-b SEAM					
		17	6 12 15	365	13	-
			6 8 10	250	14	-
	GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6	18				
	SAND, A-1-b SEAM		6 9 11	295	14	-
		19	7 12 14	385	12	-
179.30	END OF BORING	20	6 9 10	345	12	-
		21				
		22				
		23				
		24				
		25				
		26				

CLAUDE H. HURLEY COMPANY — BORING LOG

PROJECT NO. 3-380-D5 — BORING NO. SB-290
PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR
LOCATION BRIDGE NO. 072-0190 (STRUCTURE) RAMP B-5BL 10+467.8 (STATION) 24.0mL (OFFSET) PEORIA & TAZEWELL COUNTIES, ILLINOIS (STATE)
DRILLING CONTRACTOR CENTRAL ILLINOIS DRILLING COMPANY
DATE OF DRILLING: STARTED 3-14-96 COMPLETED 3-14-96 SURFACE ELEVATION 194.15
DRILLED BY R. WULF LOGGED BY S. ARENDS

GROUNDWATER DATA

	DATE	DEPTH	HOUR
DD	3-14	10.88	-
AAR	3-14	10.67	0
-	3-15	10.36	24

DRILLING METHOD: RIG TYPE CME-55; AUGER TYPE-DEPTH 0.08m HSA-19.4m; CASING TYPE-DEPTH -; SAMPLER TYPE AU-SS

Elev	CLASSIFICATION	Depth	N Bp0.15m	Qu KPa	w %	Yd Kgpm³
	SHOULDER MATERIALS: 330mm AC					
193.85	FILL: BR TO DK BR SILTY LOAM, A-4		AU	-	8	-
193.54	BR SILTY CLAY LOAM, A-4	1	6 6 6	375	12	-
192.93			3 6 7	470	13	-
	GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6	2				
			5 12 18	240	13	-
		3	5 10 18	480	12	-
	GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6					
		4	5 9 11	375	13	-
	SAND, A-3 SEAMS		5 9 14	385	13	-
		5				
			4 6 9	250	14	-
		6	5 7 10	260	14	-
		7	6 9 12	280	13	-

Elev	CLASSIFICATION	Depth	N Bp0.15m	Qu KPa	w %	Yd Kgpm³
			6 10 13	315	13	-
	GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6	8				
			6 9 20	285	13	-
	SILT, A-4 SEAM	9	6 9 16	395	15	-
			7 11 17	385	13	-
183.27	GR SANDY GRAVEL, A-1-a	10				
			6 8 26	210 -	15 6	- -
182.87		11				
	GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6		5 10 15	395	13	-
		12	8 12 15	395	13	-
181.03	GR SANDY GRAVEL, A-1-a	13	7 10 39	295 -	14 9	- -

CLAUDE H. HURLEY COMPANY — BORING LOG

PROJECT NO. 3-380-D5 — BORING NO. SB-290 (CONT.)
PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR
LOCATION BRIDGE NO. 072-0190 (STRUCTURE) RAMP B-5BL 10+467.8 (STATION) 24.0mL (OFFSET) PEORIA & TAZEWELL COUNTIES, ILLINOIS (STATE)
DRILLING CONTRACTOR CENTRAL ILLINOIS DRILLING COMPANY
DATE OF DRILLING: STARTED 3-14-96 COMPLETED 3-14-96 SURFACE ELEVATION 194.15
DRILLED BY R. WULF LOGGED BY S. ARENDS

GROUNDWATER DATA

	DATE	DEPTH	HOUR
DD	3-14	10.88	-
AAR	3-14	10.67	0
-	3-15	10.36	24

DRILLING METHOD: RIG TYPE CME-55; AUGER TYPE-DEPTH 0.08m HSA-19.4m; CASING TYPE-DEPTH -; SAMPLER TYPE AU-SS

Elev	CLASSIFICATION	Depth	N Bp0.15m	Qu KPa	w %	Yd Kgpm³
	GR SANDY GRAVEL, A-1-a		24 32 48	-	7	-
179.98		14				
			8 12 19	410	15	-
		15	7 10 15	240	14	-
	GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6		6 11 15	365	13	-
		17	8 13 18	365	12	-
		18	8 13 18	385	12	-
			6 10 14	155	13	-
		19	8 13 19	345	12	-
174.80	END OF BORING	20				
		21				
		22				
		23				
		24				
		25				
		26				

LEGEND

A-1 to A-8 (and subgroups)	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.
Yd, 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.

Notes:

For additional boring logs of Boring No. SB-289, see Sheet 39.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS II

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.	SCALE	DATE	SHEET NO.
40	N.T.S.	2-21-03	40