ROUTE NO.	SECT.	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 74	(72-7) R-3	PEORIA	565	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. CB-298

PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR

LOCATION CULVERT WBI-74BL 143+256.0 51.3mL PEORIA & TAZEWELL COUNTIES, ILLINOIS
STRUCTURE STATION OFFSET STATE

DRILLING CONTRACTOR CENTRAL ILLINOIS DRILLING COMPANY

DATE OF DRILLING: STARTED 4-17-96 COMPLETED 4-17-96 SURFACE ELEVATION 184.36

DRILLED BY R. WULF LOGGED BY S. ARENDS

GROUNDWATER DATA	DATE	DEPTH	HOUR
DD	4-17	0.0	-
AAR	4-17	0.0	0
-	4-18	0.0	24

DRILLING METHOD: RIG TYPE CME-850; AUGER TYPE-DEPTH 0.08m HSA-12.5m; CASING TYPE-DEPTH -; SAMPLER TYPE AU-SS

Elev	Depth	CLASSIFICATION	N Bp0.15m	Qu KPa	w %	γd Kgpm³
		GR SANDY LOAM, A-2-4	AU	-	25	-
183.75	1	BR GRAVELLY SAND, A-1-b	7 7 7	-	14	-
			6 11 13	-	19	-
182.23	3	BR SANDY GRAVEL, A-1-a	7 10 13	-	16	-
			8 15 28	-	18	-
180.70	5	GR TO GR BR LOAM TO CLAY LOAM, A-4 TO A-6	3 8 12	490	12	-
			5 9 12	430	12	-
			5 9 13	345	13	-
	7		8 8 12	385	12	-
			6 8 13	295	13	-
	8	GR TO GR BR LOAM TO CLAY LOAM, A-4 TO A-6	6 9 12	285	14	-
	9		6 7 11	305	12	-
			6 8 11	315	13	-
	10		6 8 13	295	13	-
	11		5 7 10	295	13	-
			7 10 13	230	13	-
	12		5 8 13	315	12	-
	13	171.86 END OF BORING				

CLAUDE H. HURLEY COMPANY

BORING LOG

PROJECT NO. 3-380-D5 BORING NO. CB-299

PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR

LOCATION CULVERT WBI-74BL 143+272.9 41.6mL PEORIA & TAZEWELL COUNTIES, ILLINOIS
STRUCTURE STATION OFFSET STATE

DRILLING CONTRACTOR CENTRAL ILLINOIS DRILLING COMPANY

DATE OF DRILLING: STARTED 4-16-96 COMPLETED 4-16-96 SURFACE ELEVATION 185.84

DRILLED BY R. WULF LOGGED BY S. ARENDS

GROUNDWATER DATA	DATE	DEPTH	HOUR
DD	4-16	2.29	-
AAR	4-16	2.16	0
-	4-18	2.13	48

DRILLING METHOD: RIG TYPE CME-850; AUGER TYPE-DEPTH 0.08m HSA-14.0m; CASING TYPE-DEPTH -; SAMPLER TYPE AU-SS

Elev	Depth	CLASSIFICATION	N Bp0.15m	Qu KPa	w %	γd Kgpm³
		FILL: GR & BR GR SILTY CLAY LOAM, A-6	AU	-	18	-
185.23	1	FILL: BR TO GR BR CLAY LOAM, A-4	2 2 2	-	15	-
184.77		BR GR TO GR SILTY CLAY LOAM, A-4	3 6 8	250	13	-
183.71	2	BR TO RD BR SILTY CLAY LOAM, A-6	8	-	21	-
183.55		BR GRAVELLY SAND, A-1-b	13 18	-	14	-
183.10	3	BR SANDY GRAVEL, A-1-a	9 13 15	-	8	-
	4		6 12 11	-	17	-
181.57		GR GRAVELLY SAND, A-1-b	3 6 9	- 290	20 14	- -
181.12	5	GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6	5 10 16	535	13	-
	6		5 10 14	680	12	-
	7		6 10 14	375	12	-
	8	GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6	7 10 14	365	12	-
			8 12 17	500	12	-
	9		6 12 15	365	12	-
	10		6 10 15	315	13	-
	11		7 10 13	220	14	-
			5 10 13	295	13	-
	12		6 9 13	325	13	-
	13		5 11 15	325	13	-

CLAUDE H. HURLEY COMPANY

BORING LOG

PROJECT NO. 3-380-D5 BORING NO. CB-299 (CONT.)

PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR

LOCATION CULVERT WBI-74BL 143+272.9 41.6mL PEORIA & TAZEWELL COUNTIES, ILLINOIS
STRUCTURE STATION OFFSET STATE

DRILLING CONTRACTOR CENTRAL ILLINOIS DRILLING COMPANY

DATE OF DRILLING: STARTED 4-16-96 COMPLETED 4-16-96 SURFACE ELEVATION 185.84

DRILLED BY R. WULF LOGGED BY S. ARENDS

GROUNDWATER DATA	DATE	DEPTH	HOUR
DD	4-16	2.29	-
AAR	4-16	2.16	0
-	4-18	2.13	48

DRILLING METHOD: RIG TYPE CME-850; AUGER TYPE-DEPTH 0.08m HSA 14.0m; CASING TYPE-DEPTH -; SAMPLER TYPE AU-SS

Elev	Depth	CLASSIFICATION	N Bp0.15m	Qu KPa	w %	γd Kgpm³
		GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6	6 10 13	335	13	-
171.82	14	END OF BORING				
	15					
	16					
	17					
	18					
	19					
	20					
	21					
	22					
	23					
	24					
	25					
	26					

D. B. I.
F. A.
FED. ROAD DIST. NO. 7 ILLINOIS

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.
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.
γd, $kgpm^3$	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.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS II

F.A.I. ROUTE 74 (I-74) OVER DRY RUN CREEK
F.A.I. ROUTE 74 SEC. (72-7)R-3
PEORIA COUNTY STA. 143+305.339 (E.B. I-74)
STRUCTURE NUMBER 072-2032

PARSONS TRANSPORTATION GROUP
CHICAGO, ILLINOIS

DRAWING NO.	SCALE	DATE	SHEET NO.
14	N.T.S.	6/30/03	14

Date: 11/22/2004 Time: 04:07:14 PM
Filename: P:\643996\structural\A3\072-2032\sheet\Final Plans\Contract #10\b10002-14072203 2.dgn