ROUTE NO.	SECT.	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 74	(72-7) R-3	PEORIA	564	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-32

PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR

LOCATION CULVERT (STRUCTURE) WBI-74BL (STATION) 143+255.0 (OFFSET) 75.3mL PEORIA & TAZEWELL COUNTIES, ILLINOIS (STATE)

DRILLING CONTRACTOR CENTRAL ILLINOIS DRILLING COMPANY

DATE OF DRILLING: STARTED 4-16-96 COMPLETED 4-17-96 SURFACE ELEVATION 188.80

DRILLED BY M. WULF LOGGED BY S. ARENDS

GROUNDWATER DATA	DATE	DEPTH	HOUR
DD	4-17	5.18	-
AAR	4-17	4.60	0
-	4-18	3.44	24

DRILLING METHOD: RIG TYPE CME-850; AUGER TYPE-DEPTH 0.08m HSA-15.5m; CASING TYPE-DEPTH -; SAMPLER TYPE AU-SS

CLASSIFICATION (Elev / Depth)	N Bp0.15m	Qu KPa	w %	γd Kgpm³
FILL: BR, GR BR, BR GR & GR SILTY CLAY LOAM, A-4	AU	-	15	-
	5 7 9	315	14	-
	5 6 6	335	15	-
	5 7 6	125	16	-
185.75 GR & DK GR SILT, A-4 W/ FIBERS	5 6 6	- 280	12 23	- -
185.29 BR GR TO GR SILTY CLAY LOAM, A-4	3 5 8	450	13	-
184.23 BR TO BD BR SILTY CLAY LOAM, A-6	4 17 25	240 - -	14 16 7	- - -
184.14 BR GRAVELLY SAND, A-1-b	11 16 16	-	15	-
	12 14 18	-	21	-
182.25 BR SANDY GRAVEL, A-1-a	12 12 14	-	11	-
181.64 GR GRAVELLY SAND, A-1-b				
181.18 GR TO GR BR LOAM TO CLAY LOAM, A-4 TO A-6	7 7 9	- 385	17 13	- -
	8 12 18	605	13	-
	9 14 17	650	12	-
	8 13 18	480	12	-
	7 11 14	535	12	-
	7 10 13	400	12	-
	8 12 16	385	12	-
	7 10 12	270	12	-

CLAUDE H. HURLEY COMPANY

BORING LOG

PROJECT NO. 3-380-D5 BORING NO. CB-32 (CONT.)

PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR

LOCATION CULVERT (STRUCTURE) WBY-74BL (STATION) 143+255.0 (OFFSET) 75.3mL PEORIA & TAZEWELL COUNTIES, ILLINOIS (STATE)

DRILLING CONTRACTOR CENTRAL ILLINOIS DRILLING COMPANY

DATE OF DRILLING: STARTED 4-16-96 COMPLETED 4-17-96 SURFACE ELEVATION 188.80

DRILLED BY M. WULF LOGGED BY S. ARENDS

GROUNDWATER DATA	DATE	DEPTH	HOUR
DD	4-17	5.18	-
AAR	4-17	4.60	0
-	4-18	3.44	24

DRILLING METHOD: RIG TYPE CME-850; AUGER TYPE-DEPTH 0.08m HSA-15.5m; CASING TYPE-DEPTH -; SAMPLER TYPE AU-SS

CLASSIFICATION (Elev / Depth)	N Bp0.15m	Qu KPa	w %	γd Kgpm³
GR TO GR BR LOAM TO CLAY LOAM, A-4 TO A-6	7 10 14	315	12	-
	8 12 15	365	12	-
	8 10 16	260	13	-
173.26 END OF BORING				

CLAUDE H. HURLEY COMPANY

BORING LOG

PROJECT NO. 3-380-D5 BORING NO. CB-33

PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR

LOCATION CULVERT (STRUCTURE) EBI-74BL (STATION) 143+313.0 (OFFSET) 2.0mL PEORIA & TAZEWELL COUNTIES, ILLINOIS (STATE)

DRILLING CONTRACTOR CENTRAL ILLINOIS DRILLING COMPANY

DATE OF DRILLING: STARTED 4-18-96 COMPLETED 4-18-96 SURFACE ELEVATION 192.17

DRILLED BY M. WULF LOGGED BY S. ARENDS

GROUNDWATER DATA	DATE	DEPTH	HOUR
DD	4-18	DRY	-
AAR	4-18	DRY	0
DC	4-19	7.13	24

DRILLING METHOD: RIG TYPE CME-850; AUGER TYPE-DEPTH 0.08m HSA-13.2m; CASING TYPE-DEPTH -; SAMPLER TYPE AU-SS

CLASSIFICATION (Elev / Depth)	N Bp0.15m	Qu KPa	w %	γd Kgpm³
FILL: BR SILTY CLAY LOAM, A-4	AU	-	14	-
191.56 FILL: BR, GR BR, BR GR & GR SILTY CLAY LOAM, A-4	7 11 12	270	10	-
	7 11 14	510	17	-
	5 7 10	430	13	-
	5 8 11	210	19	-
	3 7 9	250	15	-
	5 6 8	335	14	-
	8 11 23	430 -	14 4	- -
186.62 FILL: BR SANDY GRAVEL, A-1-a	14 22 23	-	4	-
	10 11 11	-	5	-
FILL: BR SANDY GRAVEL, A-1-a	3 2 4	- 95	6 11	- -
184.55 BR GR SILTY CLAY LOAM, A-6	3 4 4	135	15	-
183.33 BR GR TO GR SILTY CLAY LOAM, A-4	5 7 10	280	12	-
	5 7 8	240	13	-
181.81 GR TO GR BR LOAM TO CLAY LOAM, A-4 TO A-6	5 7 9	240	13	-
	5 6 8	270	13	-
SAND, A-1-b SEAM	5 7 9	250	13	-
178.97 END OF BORING	5 7 10	385	13	-

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 I

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.
13	N.T.S.	6/30/03	13

Filename: P:\643996\structural\A3\072-2032\sheet\FinalPlans\Contract #0\BL0001-M072032.dgn Date: 11/22/2004 Time: 04:06:22 PM