ROUTE NO.	SECT.	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 74	(72-7) R-3	PEORIA	541	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-292 (CONT.)

PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR

LOCATION BRIDGE NO. 072-0190 RAMP B-5BL 10+515.3 29.6mL PEORIA & TAZEWELL COUNTIES, ILLINOIS (STRUCTURE / STATION / OFFSET / STATE)

DRILLING CONTRACTOR CENTRAL ILLINOIS DRILLING COMPANY

DATE OF DRILLING: STARTED 2-26-96 COMPLETED 2-27-96 SURFACE ELEVATION 193.94

DRILLED BY M. WULF LOGGED BY S. ARENDS

GROUNDWATER DATA	DATE	DEPTH	HOUR
DD	2-26	8.99	-
AAR	2-27	7.77	0
-	2-28	3.35	24

DRILLING METHOD: RIG TYPE CME-55; AUGER TYPE-DEPTH 0.08m HSA-10.7m RR-6.4m; CASING TYPE-DEPTH -; SAMPLER TYPE AU-SS

CLASSIFICATION	Elev	Depth	N Bp0.15m	Qu KPa	w %	γd Kgpm³
GR GRAVELLY SAND, A-1-b		14	8 9 18	-	9	-
			40 60	-	10	-
		15	15 16 13	- - 240	11 15 13	- - -
178.70 GR SILTY LOAM, A-4						
178.55 GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6		16	12 13 15	325	13	-
		17	9 13 17	285	13	-
176.87 END OF BORING		18				
		19				
		20				
		21				
		22				
		23				
		24				
		25				
		26				

CLAUDE H. HURLEY COMPANY

BORING LOG

PROJECT NO. 3-380-D5 BORING NO. SB-293

PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR

LOCATION BRIDGE NO. 072-0190 RAMP B-5BL 10+529.5 12.6mL PEORIA & TAZEWELL COUNTIES, ILLINOIS (STRUCTURE / STATION / OFFSET / STATE)

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. ARENDS

GROUNDWATER DATA	DATE	DEPTH	HOUR
DD	3-7	8.23	-
AAR	3-14	9.30	0
-	3-18	5.18	4d

DRILLING METHOD: RIG TYPE CME-55; AUGER TYPE-DEPTH 0.08m HSA-18.6m; CASING TYPE-DEPTH -; SAMPLER TYPE AU-SS

CLASSIFICATION	Elev	Depth	N Bp0.15m	Qu KPa	w %	γd Kgpm³
TOPSOIL FILL: BR & DK BR SILTY CLAY LOAM, A-6			AU	-	23	-
198.72 FILL: BR & DK BR SILTY CLAY LOAM, A-6		1	3 4 5	145	25	-
198.11 FILL: BR, GR & GRN GR SILTY CLAY, A-6		2	3 4 5	210	24	-
			5 7 9	200	23	-
196.43 BR, DK BR & GR SILTY CLAY, A-7-6		3	5 6 8	335	25	-
195.83 BR & GR SILTY LOAM, A-4		4	2 2 3	105	26	-
			2 5 11	50 -	28 12	- -
194.61 BR GRAVELLY SAND, A-1-b		5				
194.30 BR SILTY CLAY LOAM, A-4			4 6 6	335	15	-
		6	6 8 10	315	16	-
192.62 GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6		7	4 6 10	270	14	-
GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6		8	4 8 13	500	13	-
			8 9 11	365	15	-
		9	6 9 14	395	13	-
		10	7 8 10	270	14	-
188.97 BR GRAVELLY SAND, A-1-b		11	35 42 50/0.10m	-	4	-
188.20 GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6		12	6 11 16	615	12	-
			9 13 16	515	11	-
		13	9 13 16	285	13	-
		21				
		22				
		23				
		24				
		25				
		26				

CLAUDE H. HURLEY COMPANY

BORING LOG

PROJECT NO. 3-380-D5 BORING NO. SB-293 (CONT.)

PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR

LOCATION BRIDGE NO. 072-0190 RAMP B-5BL 10+529.5 12.6mL PEORIA & TAZEWELL COUNTIES, ILLINOIS (STRUCTURE / STATION / OFFSET / STATE)

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. ARENDS

GROUNDWATER DATA	DATE	DEPTH	HOUR
DD	3-7	8.23	-
AAR	3-14	9.30	0
-	3-18	5.18	4d

DRILLING METHOD: RIG TYPE CME-55; AUGER TYPE-DEPTH 0.08m HSA-18.6m; CASING TYPE-DEPTH -; SAMPLER TYPE AU-SS

CLASSIFICATION	Elev	Depth	N Bp0.15m	Qu KPa	w %	γd Kgpm³
GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6		14	8 12 16	335	13	-
			8 13 19	385	12	-
		15	7 12 16	400	13	-
		16	10 14 20	410	13	-
183.02 GR GRAVELLY SAND, A-1-b			8	-	16	-
182.57 GR SANDY GRAVEL, A-1-a		17	18 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		18	15 17	420	13	-
180.95 GR GRAVELLY SAND, A-1-b			9 17 59	575 -	13 5	- -
180.74 END OF BORING		19				
		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.BpO.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, 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-292, see Sheet 41.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS IV

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.
42	N.T.S.	2-21-03	42

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