ROUTE NO.	SECT.	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 74	(72-7) R-3	PEORIA	538	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-41

PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR

LOCATION BRIDGE NO. 072-0190 (STRUCTURE) RAMP B-5BL 10+501.3 (STATION) 3.1mL (OFFSET) PEORIA & TAZEWELL COUNTIES, ILLINOIS (STATE)

DRILLING CONTRACTOR D & G DRILLING, INC.

DATE OF DRILLING: STARTED 1-11-95 COMPLETED 1-11-95 SURFACE ELEVATION 194.53

DRILLED BY D. ROESEL LOGGED BY M. DOOLEY

GROUNDWATER DATA

	DATE	DEPTH	HOUR
DD	1-11	2.44	-
RW	1-11	-	0
-	1-12	3.05	24

DRILLING METHOD: RIG TYPE MOBILE B-57; AUGER TYPE-DEPTH 0.10m FA-1.5m RW-16.8m; CASING TYPE-DEPTH -; SAMPLER TYPE AU-SS

Elev	CLASSIFICATION	Depth	N Bp0.15m	Qu KPa	w %	γd Kgpm³
	TOPSOIL FILL: DK BR & BR SILTY CLAY, A-6		AU	-	53	-
194.38			3 4 7	305	15	-
	BR SILTY CLAY LOAM, A-4	1	3 5 7	315	15	-
		2	10 14 18	295	14	-
192.09			8 12 13	305	15	-
	SAND, A-1-b SEAM	3	9 10 12	400	12	-
	GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6	4	5 8 11	365	14	-
		5	4 8 10	270	13	-
		6	3 5 7	295	15	-
		7	3 6 9	220	15	-
	GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6	8	3 5 6	240	14	-
		9	4 6 7	285	14	-
			4 7 10	355	14	-
		10	5 8 10	315	15	-
			4 7 10	285	15	-
	SAND, A-1-b SEAM	11	4 7 10	270	16	-
		12	9 7 8	305	15	-
		13	4 7 10	325	14	-

CLAUDE H. HURLEY COMPANY

BORING LOG

PROJECT NO. 3-380-D5 BORING NO. SB-41 (CONT.)

PROJECT FAI-74 IMPROVEMENTS - WAR MEMORIAL DRIVE CORRIDOR

LOCATION BRIDGE NO. 072-0190 (STRUCTURE) RAMP B-5BL 10+501.3 (STATION) 3.1mL (OFFSET) PEORIA & TAZEWELL COUNTIES, ILLINOIS (STATE)

DRILLING CONTRACTOR D & G DRILLING, INC.

DATE OF DRILLING: STARTED 1-11-95 COMPLETED 1-11-95 SURFACE ELEVATION 194.53

DRILLED BY D. ROESEL LOGGED BY M. DOOLEY

GROUNDWATER DATA

	DATE	DEPTH	HOUR
DD	1-11	2.44	-
RW	1-11	-	0
-	1-12	3.05	24

DRILLING METHOD: RIG TYPE MOBILE B-57; AUGER TYPE-DEPTH 0.10m FA-1.5m RW-16.8m; CASING TYPE-DEPTH -; SAMPLER TYPE AU-SS

Elev	CLASSIFICATION	Depth	N Bp0.15m	Qu KPa	w %	γd Kgpm³
	GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6		5 8 9	270	14	-
		14	5 28 34	270 -	14 12	- -
180.36	GR SANDY GRAVEL, A-1-a	15	25 32 30	-	7	-
179.14	GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6	16	6 7 9	295	14	-
			6 10 14	515	14	-
177.77	END OF BORING	17				
		18				
		19				
		20				
		21				
		22				
		23				
		24				
		25				
		26				

CLAUDE H. HURLEY COMPANY

BORING LOG

PROJECT NO. 3-380-D5 BORING NO. SB-289

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 %	γd Kgpm³
	FILL: BR & DK BR CLAY LOAM, A-4		AU	-	13	-
198.81	FILL: BR LOAM, A-4	1	7 6 7	-	10	-
198.20	BR, DK BR & GR SILTY CLAY, A-7-6		3 4 6	270	25	-
197.47	BR & GR SILTY LOAM, A-4	2	3 4 5	125	26	-
196.75	BR TO RD BR LOAM, A-6	3	2 1 4	- -	27 18	- -
196.13	BR, RD BR & DK BR LOAM, A-4					
195.91	BR GRAVELLY SAND, A-1-b	4	8 13 10	-	5	-
195.15	BR SILTY CLAY LOAM, A-4		4 8 11	490	15	-
194.39	GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6	5	5 9 13	385	13	-
		6	6 9 13	315	13	-
		7	6 9 12	535	13	-
	GR TO BR GR LOAM TO CLAY LOAM, A-4 TO A-6	8	7 10 13	510	13	-
		9	6 8 10	305	14	-
			5 8 10	305	12	-
		10	5 6 8	230	14	-
		11	4 6 8	280	12	-
	SAND, A-1-b SEAM		4 6 8	180	15	-
		12	5 9 12	295	14	-
186.41	GR SILTY LOAM, A-4	13	5 15 10	295 -	13 14	- -

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.
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-289, see Sheet 40.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS I

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.
39	N.T.S.	2-21-03	39

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