STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	(72-7)R-3	PEORIA	1360	1059
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 9 OF 9 SHEETS

Contract No. 68200

CLAUDE H. HURLEY COMPANY

BORING LOG

PROJECT NO. 3-380-D1 BORING NO.

PROJECT FAI-74 IMPROVEMENTS - GALE AVENUE CORRIDOR

LOCATION CULVERT (STRUCTURE) EXWBI-74CL 146+655.8 (STATION) 23.7m L (OFFSET) PEORIA & TAZEWELL COU

DRILLING CONTRACTOR WANG ENGINEERING, INC.

DATE OF DRILLING: STARTED 10-18-94 COMPLETED 10-18-94 SURFACE ELEVATION

DRILLED BY R. BELL LOGGED BY K. OLSC

GROUNDWATER DATA	DATE	DEPTH	HOUR
DD	10-18	DRY	-
-	10-18	DRY	0
DC	10-19	8.4	1d

DRILLING

RIG TYPE CME-55

AUGER TYPE-DEPTH 0.15m HSA-14.5m

CASING TYPE-DEPTH -

SAMPLER TYPE AU-SS

Elev	CLASSIFICATION	Depth	N Bp0.15m	Qu KPa	W %	γd Kgpm3
	TOPSOIL FILL: DK BR CLAY LOAM, A-4		AU	-	14	-
167.00	FILL: BR SILTY CLAY LOAM, A-6		5 7 6	-	7	-
166.39		1	3 2 3	-	2	-
	FILL: BR SAND, A-1-b	2	5 4 3	-	6	-
			2	-	7	-
164.56			2 2 2	105	16	-
	FILL: GR CLAY LOAM TO SILTY LOAM, A-4	3	2 3 5	105	15	-
163.34	FILL: BR & GR SILTY CLAY, A-7-6 W/ BLK ORGANIC CLAY, A-7-5 INCLUSIONS & FIBERS	4	5 2 2	105	58	-
162.58	GR SILT, A-4	5	3 3 4	-	18	-
161.82	GR CLAY LOAM TO SILTY LOAM, A-4	6	2 3 4	135	18	-
		7	2 2 4	135	16	-
			4 7 11	400	14	-
159.53	BR SAND, A-3	8	18 12 16	-	6	-
158.77			7 10 14	-	5	-
		9	9 9 11	-	5	-
	BR SAND, A-1-b	10	7 13 16	-	4	-
		11	12 11 16	-	4	-
		12	14 26 35	-	4	-
154.20		13	10 18 25	-	4	-

CLAUDE H. HURLEY COMPANY

BORING LOG

PROJECT NO. 3-380-D1 BORING NO. CB 55 (CONT)

PROJECT FAI-74 IMPROVEMENTS - GALE AVENUE CORRIDOR

LOCATION CULVERT (STRUCTURE) EXWBI-74CL 146+655.8 (STATION) 23.7m L (OFFSET) PEORIA & TAZEWELL COUNTIES, ILLINOIS (STATE)

DRILLING CONTRACTOR WANG ENGINEERING, INC.

DATE OF DRILLING: STARTED 10-18-94 COMPLETED 10-18-94 SURFACE ELEVATION 167.31

DRILLED BY R. BELL LOGGED BY K. OLSON

GROUNDWATER DATA	DATE	DEPTH	HOUR
DD	10-18	DRY	-
-	10-18	DRY	0
DC	10-19	8.4	1d

DRILLING METHOD

RIG TYPE CME-55

AUGER TYPE-DEPTH 0.15m HSA-14.5m

CASING TYPE-DEPTH -

SAMPLER TYPE AU-SS

Elev	CLASSIFICATION	Depth	N Bp0.15m	Qu KPa	W %	γd Kgpm3
	BR SAND, A-3		12 18 18	-	4	-
		14	16 20 24	-	4	-
152.83	END OF BORING					
		15				
		16				
		17				
		18				
		19				
		20				
		21				
		22				
		23				
		24				
		25				
		26				

LEGEND - RSV ENGINEERING INC. (NOW BLOOM CONSULTANTS, LLC) TEST BORING LOGS

A-1 to A-7 (and subgroups)	Engineering classifications of soil samples in accordance with AASHTO M 145 standard specification.
BLOWS/150mm	Number of blows required to drive a standard soil sampling device 150 mm as conducted in accordance with AASHTO T 206 standard specification.
q_u, kPa	Unconfined compression strength of soil sample in kilopascals determined in accordance with AASHTO T 208 standard specification.
STRAIN, %	Actual strain of soil sample at failure (15 percent maximum allowed) during unconfined compression strength test (see AASHTO T 208 specification).
WATER CONTENT, %	Natural moisture content of soil sample in percent determined in accordance with AASHTO T 265 standard specification.
Penetrometer Estimate	An approximation of the unconfined compressive strength of the soil sample in kilopascals obtained with the use of a calibrated hand penetrometer device.
50 mm ST	50 mm diameter thin-walled tube (Shelby Tube) relatively undisturbed soil sample obtained in accordance with AASHTO T 207 standard specification.
Yd	Dry unit weight of soil specimen in kilograms per cubic meter.
REC.	Length of sample recovered in millimeters.

DESIGNED	GEK
CHECKED	
DRAWN	GEK
CHECKED	

BORING LOGS
RAMP C-3 OVER DRY RUN CREEK
F.A.I. RTE 74(I-74) SECTION (72-7)R-3
PEORIA COUNTY
STA. 10+190.00 TO STA. 10+277.94 (RAMP C-3)
STRUCTURE NUMBER 072-8619 - WALL 18C

CLARK ENGINEERS, INC.
111 NE Jefferson Ave.
Peoria, Illinois 61602
Ph(309)676-8464
FAX(309)676-5445

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