

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 14 of 15 SHEETS
F.A.I. 74	*	PEORIA	1360	1036	
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT	

* (72-7)R-3 Contract 68200

CLAUDE H. HURLEY COMPANY BORING LOG												
PROJECT NO. 3-380-D1			BORING NO. CB 50 (CONT)			PROJECT EAL-24 IMPROVEMENTS - GALE AVENUE CORRIDOR						
LOCATION CULVERT NBI-74BL 145+753.5 27.8mL			PEORIA & TAZEWELL COUNTIES, ILLINOIS			DRILLING CONTRACTOR WANG ENGINEERING, INC.						
DATE OF DRILLING: STARTED 10-19-94 COMPLETED 10-19-94			SURFACE ELEVATION 169.99			DRILLED BY R. BELL LOGGED BY K. OLSON						
Elev	CLASSIFICATION	Depth	N Bp0.15m	Q _u KPa	W %	Y _d Kg/m ³	GROUNDWATER DATA			DRILLING METHOD		
							DATE	DEPTH	HOUR	RIG TYPE	CMD-55	DATE
							DD	10-19	DRY	-	AUGER TYPE-DEPTH	0.15m HSA-14.5m
		9			4						CASING TYPE-DEPTH	
		11										
		12										
	BR SAND, A-1-b	14										
		15.51										
	END OF BORING											

CLAUDE H. HURLEY COMPANY BORING LOG												
PROJECT NO. 3-380-D1			BORING NO. CB 51			PROJECT EAL-24 IMPROVEMENTS - GALE AVENUE CORRIDOR						
LOCATION CULVERT NBI-74BL 145+753.5 62.7mL			PEORIA & TAZEWELL COUNTIES, ILLINOIS			DRILLING CONTRACTOR WANG ENGINEERING, INC.						
DATE OF DRILLING: STARTED 10-20-94 COMPLETED 10-20-94			SURFACE ELEVATION 166.157			DRILLED BY R. BELL LOGGED BY K. OLSON						
Elev	CLASSIFICATION	Depth	N Bp0.15m	Q _u KPa	W %	Y _d Kg/m ³	GROUNDWATER DATA			DRILLING METHOD		
							DATE	DEPTH	HOUR	RIG TYPE	CMD-55	DATE
	TOPSOIL FILL: DK BR CLAY LOAM, A-4						DD	10-20	DRY	-	AUGER TYPE-DEPTH	0.15m HSA-13.0
	FILL: BR SAND, A-1-b	166.27									CASING TYPE-DEPTH	
		165.66										
	FILL: BR SILTY CLAY LOAM, A-6	164.90										
		158.80										
	GR SILTY LOAM, A-4 W/ OCC SILT & SAND SEAMS	158.50										
		161.85										
	GR BR STRATIFIED SILT, A-4	161.09										
		153.62										

CLAUDE H. HURLEY COMPANY BORING LOG												
PROJECT NO. 3-380-D1			BORING NO. CS 52			PROJECT EAL-24 IMPROVEMENTS - GALE AVENUE CORRIDOR						
LOCATION CULVERT NBI-74BL 145+804.5 26.8mL			PEORIA & TAZEWELL COUNTIES, ILLINOIS			DRILLING CONTRACTOR WANG ENGINEERING, INC.						
DATE OF DRILLING: STARTED 10-21-94 COMPLETED 10-21-94			SURFACE ELEVATION 166.66			DRILLED BY R. BELL LOGGED BY K. OLSON						
Elev	CLASSIFICATION	Depth	N Bp0.15m	Q _u KPa	W %	Y _d Kg/m ³	GROUNDWATER DATA			DRILLING METHOD		
							DATE	DEPTH	HOUR	RIG TYPE	CMD-55	DATE
	TOPSOIL FILL: BR BR CLAY LOAM, A-4						DD	10-21	DRY	-	AUGER TYPE-DEPTH	0.15m HSA-12.2m
	FILL: BR SAND, A-1-b	166.06									CASING TYPE-DEPTH	
		165.75										
	FILL: GR SAND, A-1-b	164.99										
		158.13										
	GR SILTY LOAM, A-4 W/ OCC SILT & SAND SEAMS	158.50										
		161.85										
	GR TO BR BR LOAM TO CLAY LOAM, A-4 TO A-6	154.47										
		160.81										
	GR SILTY LOAM, A-4 W/ OCC SILT & SAND SEAMS	153.62										

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.

Y_d Dry unit weight of soil specimen in kilograms per cubic meter.

REC. Length of sample recovered in millimeters.

DESIGNED	LLV
CHECKED	PJL
DRAWN	MGM
CHECKED	LLV

BORING LOGS
NORTH & SOUTH CULVERT EXTENSION
RAMP C-3 OVER DRY RUN CREEK
F.A.I. ROUTE 74(I-74) SECTION (72-7)R-3
PEORIA COUNTY
STATION 10+277.51 TO
STA. 10+441.66 (RAMP C-3)
STRUCTURE NUMBER 072-2005



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

11/10/94 14:23:14