

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	90-13HVBY	TAZEWELL	1366	516
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 68
68 SHEETS

RSV ENGINEERING, INC.		BORING LOG		SCHAUMBURG, ILLINOIS				
JOB NO: 9890	CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO: CPT-1	STATION: 153+589EB					
PROJECT: Interstate Route 74 Improvements - Peoria, Illinois		LOCATION: I-74 Bridge over Camp Street SN 090-0009	OFFSET: 7.5m L4					
BORING RIG & METHOD: CME-55 w/Hollow Stem Augers		SURF ELEV: 143.27						
SOIL DESCRIPTION	ELEV.	DEPTH	SAMPLE FROM - TO	REC. mm	BLOWS 150mm	q _n kPa	STRAIN %	WATER CONTENT %
			0.00-0.30		Auger			18
			0.30-0.76	381	4-7	134	15	17
Stiff Br Silty Clay A-7-6			1.07-1.52	366	3-3	144 *		16
	140.56		1.83-2.29	76	4-5	144 *		23
Loose Br Sandy Loam A-2-4	140.07		2.59-3.05	406	2-2			9
Medium Dense Br Sand A-1-b			3.35-3.81	366	4-6			6
Very Soft Gr Clay A-7-6	138.95 138.54		4.11-4.57	432	6-1	19	15	36
Very Loose Gr Sandy Loam A-2-4	137.80	5	4.88-5.33	457	1-1			40
			5.64-6.10	406	8-6			11
			6.40-6.86	356	8-10			4
Medium Dense Gr & Br Sand A-1-b; random Cobbles noted			7.18-7.62	457	9-9			9
Sand under hydrostatic pressure			7.92-8.38	203	10-11			13
			8.68-9.14	330	13-12			7
	139.91	10	9.45-9.91	229	9-4			6
Dense Br & Gr Sand A-1-b	139.11		10.21-10.67	406	13-22			8
Hard Gr Silty Clay A-7-6; shale fragments noted	138.47		10.97-11.43	330	13-26	431 +*		18
Light Gr SHALE (thinly laminated)			11.73-12.19	254	23-100/ 100mm			9
REMARKS *Water introduced into boring at 6.4m due to blowing Sand. CME Automatic Hammer Used.				* Denotes Calibrated Penetrometer Estimate				
WATER	5.5 m ELEV.	137.78	DURING DRILLING	∇ CORE SIZE	mm	DATE: Jun 29, 00		
WATER	m ELEV.		AT COMPLETION	∇ CASING LENGTH	m	DRILLER: Winslow		
WATER	* m ELEV.		AFTER 14 HRS.	∇ CASING DIAMETER	mm	INSPECTOR: Reed		

RSV ENGINEERING, INC.		BORING LOG		SCHAUMBURG, ILLINOIS				
JOB NO: 9660	CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO: CPT-1	STATION: 153+589EB					
PROJECT: Interstate Route 74 Improvements - Peoria, Illinois		LOCATION: I-74 Bridge over Camp Street SN 090-0009	OFFSET: 7.5m L4					
BORING RIG & METHOD: CME-55 w/Hollow Stem Augers		SURF ELEV: 143.27						
SOIL DESCRIPTION	ELEV.	DEPTH	SAMPLE FROM - TO	REC. mm	BLOWS 150mm	q _n kPa	STRAIN %	WATER CONTENT %
			12.50-12.62	127	100/ 125mm			15
Light Gr SHALE (thinly laminated)			13.26-13.35	102	100mm			15
Boring terminated at 13.4m								
REMARKS *Water introduced into boring at 6.4m due to blowing Sand. CME Automatic Hammer Used.				* Denotes Calibrated Penetrometer Estimate				
WATER	5.5 m ELEV.	137.78	DURING DRILLING	∇ CORE SIZE	mm	DATE: Jun 29, 00		
WATER	m ELEV.		AT COMPLETION	∇ CASING LENGTH	m	DRILLER: Winslow		
WATER	* m ELEV.		AFTER 14 HRS.	∇ CASING DIAMETER	mm	INSPECTOR: Reed		

LEGEND - CLAUDE H. HURLEY COMPANY TEST BORING LOGS

DD	Water Level During Drilling	FA	Flight Auger
BAR	Water Level Before Auger Removal	RW	Rotary Wash
AAR	Water Level After Auger Removal	HSA	Hollow Stem Auger
DC	Dry Cave Level	SAMPLE TYPE	
WC	Wet Cave Level	AU	Auger
d	Days	SS	Standard Split-barrel
h	Hours	ST	Thin-walled Tube
		DB	Core Barrel

Date	Designed NPP	WESTBOUND F.A.I. ROUTE 74 OVER CAMP STREET, FARM CREEK, AND TP&W RR F.A.I. RTE. 74 SECTION (90-13HVBY) TAZEWELL COUNTY STATION 153+625.193 STRUCTURE NO. 090-0009	Sheet No.
Revisions	Drawn NPP		68
	Checked AEU		of 68
	Approved NPP		
Prepared By: BRW, Inc. A Division of URS		1701 Golf Rd., Suite 1000 Rolling Meadows, IL.	BRW Job No. 17049-071