



SOIL BORING LOG

Date 1/18/95

ROUTE FAI-74 DESCRIPTION EB I-74 over UPRR LOGGED BY K. Olson

SECTION (72-6VB) LOCATION Kickapoo Twnsp SE 1/4, SW 1/4, SEC. 24, TWP. 9N, RNG. 7E, 4th PM, Latitude, Longitude

COUNTY Peoria DRILLING METHOD HSA/RW HAMMER TYPE AUTO

STRUCT. NO. 072-0001(EXIST)
 Station 348+38.61

BORING NO. SB1 (W. Abut)
 Station 347+32
 Offset 24.6 ft RT
 Ground Surface Elev. 603.84 ft

DEPTH (ft)	BLOW COUNT (blows/ft)	UCS (tsf)	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	BLOW COUNT (blows/ft)	UCS (tsf)	MOISTURE (%)
0-4	4		10	SHOULDER MATERIALS 3.5' AC 30" GRAVELLY SAND, A-1-b	0-6	6		
4-3	3		10		6-11	11	2.2	15
3-2	2				11-8	8	2.3	12
2-2	2				8-8	8		
2-3	3	2.0	11	FILL: BR SANDY LOAM, A-4	8-12	12		
3-4	4				12-9	9	4.0	20
4-5	5				9-8	8	4.5	11
5-2	2				8-5	5		
2-3	3	2.6	13		5-8	8	2.7	16
3-4	4				8-8	8		
6-6	6	2.3	16		8-6	6	3.5	15
6-8	8				6-7	7		
8-10	10				7-5	5		
10-2	2				5-4	4	2.2	14
2-2	2	1.3	14		4-6	6		
2-2	2				6-4	4		
6-6	6	2.5	15		4-4	4	2.1	15
6-5	5				4-6	6		
5-15	15				6-13	13		
15-2	2				13-20	20		
2-5	5				20-13	13	3.1	12
5-15	15				13-9	9	6.6	14
15-4	4	1.5	17		9-5	5		
4-5	5				5-5	5		
5-4	4				5-18	18	2.3	12
4-4	4				18-4	4		
4-7	7	1.9	14		4-6	6	2.8	13
7-12	12				6-9	9		
12-20	20				9-25	25		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
 BBS, form 137 (Rev. 8-99)



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 Station 348+38.61

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 Station 347+32
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 Ground Surface Elev. 603.84 ft

DEPTH (ft)	BLOW COUNT (blows/ft)	UCS (tsf)	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	BLOW COUNT (blows/ft)	UCS (tsf)	MOISTURE (%)
0-4	4			GR LOAM, A-4 (continued)	0-25	25		
4-6	6				25-36	36		
6-11	11	2.2	15		36-30	30	7	
11-8	8	2.3	12		30-18	18		
8-8	8				18-28	28		10
8-9	9	4.5	11		28-41	41		
9-8	8				41-58.3	58.3		
8-5	5				58.3-20	20		
5-8	8	2.7	16	BR GR CLAY LOAM, A-6	20-15	15		
8-8	8				15-18	18		11
8-17	17	5.2	11		18-536.3	536.3		
17-27	27			COBBLE	536.3-67.5	67.5		
27-8	8				67.5-70	70		
8-9	9	5.0	12		70-75	75		
9-9	9				75-546.8	546.8		
9-13	13				546.8-55	55		
13-20	20				55-59	59		
20-13	13	3.1	12	FREQUENT SILT, A-4 SEAMS ELEV 551.02 - 548.39	59-8	8		
13-9	9	6.6	14		8-41	41		
9-5	5				41-29	29		
5-13	13				29-25	25		
13-9	9	2.3	12	COBBLE	25-80	80		
9-18	18			BR & GR BR GRAVELLY SAND, A-1-b				
18-4	4							
4-6	6	2.8	13					
6-9	9							
9-25	25							

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 BBS, form 137 (Rev. 8-99)



SOIL BORING LOG

Date 1/20/95

ROUTE FAI-74 DESCRIPTION EB I-74 over UPRR LOGGED BY J. Dudlcek

SECTION (72-6VB) LOCATION Kickapoo Twnsp SE 1/4, SW 1/4, SEC. 24, TWP. 9N, RNG. 7E, 4th PM, Latitude, Longitude

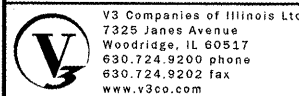
COUNTY Peoria DRILLING METHOD HSA/RW HAMMER TYPE AUTO

STRUCT. NO. 072-0001(EXIST)
 Station 348+38.61

BORING NO. SB2 (W. Pier)
 Station 348+13
 Offset 18.0 ft RT
 Ground Surface Elev. 574.05 ft

DEPTH (ft)	BLOW COUNT (blows/ft)	UCS (tsf)	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	BLOW COUNT (blows/ft)	UCS (tsf)	MOISTURE (%)
0-1	1			PCC SLOPEWALLS PCC	0-8	8		
1-2	2			GR LOAM, A-4	8-5	5		
2-3	3	2.0	15		5-25	25		
3-5	5				25-36	36		
5-6	6	4.8	13		36-550.8	550.8		
6-9	9				550.8-5	5		
9-5	5				5-25	25		
5-8	8	4.2	12	BR GR CLAY LOAM, A-6	25-25	25		
8-12	12				25-4	4	2.2	15
12-5	5				4-3	3		
5-4	4	2.2	15		3-5	5		
4-5	5				5-3	3	2.5	15
5-3	3				3-5	5		
3-5	5				5-6	6		
5-6	6	4.0	14		6-546.1	546.1		
6-7	7				546.1-3	3		
7-9	9				3-10	10		
9-20	20				10-20	20		
20-24	24				20-36	36		
24-25	25				36-21	21		
25-12	12				21-19	19		
12-19	19				19-29	29		
19-29	29				29-21	21		
29-21	21				21-36	36		
21-36	36				36-538.6	538.6		
36-26	26				538.6-31	31		
26-31	31				31-3	3		
31-3	3				3-5	5	2.1	13
3-5	5				5-9	9		
5-9	9				9-6	6		
9-6	6				6-20	20		
6-20	20				20-8	8	2.7	14

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FILE NAME: 29 Borings 1.dgn
 PLOT SCALE: 1:1
 PLOT DATE: July 1, 2011

DESIGNED: B. Vegrzyn
 CHECKED: Coombe-Bloxdorf
 DRAWN: B. Vegrzyn
 CHECKED: Coombe-Bloxdorf

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BORINGS 1
 STRUCTURE NO. 072-0001 & 072-0002

SHEET NO. 29 OF 34 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72-6VB	PEORIA	133	72
				CONTRACT NO. 68874
ILLINOIS FED. AID PROJECT				