

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**Illinois Department of Transportation**  
Division of Highways  
Illinois Department of Transportation

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### SOIL BORING LOG

Date 7/6/07

ROUTE FAU 6578 (Airport Rd) DESCRIPTION Airport Rd over Kickapoo Cr Trib & UPRR LOGGED BY DLR

SECTION (1-VC)BR LOCATION SEC. TWP. RNG.  
Latitude Longitude

COUNTY Peoria DRILLING METHOD HSA HAMMER TYPE Automatic

STRUCT. NO. 072-0201(prop)  
Station 45+42

BORING NO. 2 (N,PIER)  
Station 45+81  
Offset 26.00ft LT  
Ground Surface Elev. 471.30 ft (ft) (1/6") (tsf) (2)

DEPTH (ft)	SOIL DESCRIPTION	WATER	TEMPERATURE (°F)	PERCENTAGE (%)	DEPTH (ft)	SOIL DESCRIPTION	WATER	TEMPERATURE (°F)	PERCENTAGE (%)
0	Dk. Gray LOAM				0				
2	Br & Gr Cse SAND & GRAVEL				2				
3				18	3				
5					5				
3					3				
4				18	4				
6					6				
6	Lt. Gr SHALEY SILT				6				
5				14	5				
7					7				
43	Lt. Gr CLAYSHALE w/ v. thin silt along bedding planes			10	43				
57				4"	57				
15					15				
100				6"	100				
10					10				
75				12	75				
25				2"	25				
20					20				
41	limestone fragments			13	41				
59				5"	59				
24					24				
100				5"	100				
45				10	45				
20					20				

End of Boring  
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, from 137 (Rev. 8-99)

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### SOIL BORING LOG

Date 7/12/07

ROUTE FAU 6578 (Airport Rd) DESCRIPTION Airport Rd over Kickapoo Cr Trib & UPRR LOGGED BY JAR

SECTION (1-VC)BR LOCATION SEC. TWP. RNG.  
Latitude Longitude

COUNTY Peoria DRILLING METHOD HSA HAMMER TYPE Automatic

STRUCT. NO. 072-0201(prop)  
Station 45+42

BORING NO. 3 (N,PIER)  
Station 46+31  
Offset 37.00ft RT  
Ground Surface Elev. 469.74 ft (ft) (1/6") (tsf) (2)

DEPTH (ft)	SOIL DESCRIPTION	WATER	TEMPERATURE (°F)	PERCENTAGE (%)	DEPTH (ft)	SOIL DESCRIPTION	WATER	TEMPERATURE (°F)	PERCENTAGE (%)
0	Brown LOAM (gravelly)				0				
4				14	4				
7				3.0	7				
5				P	5				
4					4				
2				20	2				
1				P	1				
2					2				
1				30	1				
1				P	1				
4	Gray SHALEY CLAY			18	4				
11				3.1	11				
12				S	12				
8	Gray/Lt Gray SHALE				8				
55				13	55				
45				3"	45				
15	Borehole continued with rock coring.				15				
20					20				

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, from 137 (Rev. 8-99)

**BORING LOGS**  
**AIRPORT ROAD OVER U.P.R.R.**  
**AND KICKAPOO CREEK TRIBUTARY**  
**STATION 45+42.00**

DESIGNED PJL  
CHECKED LLV  
DRAWN MGM  
CHECKED PJL

<b>STS   AECOM</b>	111 NE Jefferson Avenue Peoria, IL 61602 T 309.676.9464 F 309.676.5445 IL Design Firm Reg. No. 184-001518 www.stsconsultants.com	SHEET NO. 28	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		OF	6578	(1-R)RS(1-VC)BR	PEORIA	142	89
		33 SHEETS	STRUCTURE NO. 072-0201		CONTRACT NO. 68092		
		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					