



SOIL BORING LOG

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Date 1/17/95

ROUTE FAI-74 DESCRIPTION WB 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.

COUNTY Peoria DRILLING METHOD HSA/RW HAMMER TYPE AUTO

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	ft	(ft)	(/6")	(tsf)	(%)	Surface Water Elev.	ft	Stream Bed Elev.	ft	Groundwater Elev.:	ft	First Encounter	ft	Upon Completion	ft	After 48 Hrs.	ft	(ft)	(/6")	(tsf)	(%)	
072-0002(EXIST)	348+32.31	SB7 (E. Pier)	348+84	19.0 ft LT	584.74										NONE												
PCC SLOPEWALL: 6" PCC		FILL: BR SAND, A-1-b		GR SILTY LOAM, A-4 (continued)		584.2						11															
				SAND, A-2-4 SEAM								6															
				GR LOAM, A-4		561.2						4															
		BR GRAVELLY SAND, A-1-b				579.2						4															
				BR CLAY LOAM, A-6		558.2						4															
				GR SANDY LOAM, A-4		574.7	-10	7	8	12		12															
		BR & GR BR SANDY LOAM, A-2-4				573.7						7															
				FREQUNT SAND, A-3 SEAMS								7															
				BR & GR BR GRAVELLY SAND, A-1-b		548.7						12															
				Boring Terminated at 38.0 ft.		546.7						15															
		GR SILTY LOAM, A-4				566.2						9															

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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Date 1/17/95

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COUNTY Peoria DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	ft	(ft)	(/6")	(tsf)	(%)	Surface Water Elev.	ft	Stream Bed Elev.	ft	Groundwater Elev.:	ft	First Encounter	ft	Upon Completion	ft	After 24 Hrs.	ft	(ft)	(/6")	(tsf)	(%)
072-0002(EXIST)	348+32.31	SBB (E. Abut)	349+45	21.0 ft LT	604.40																					
PAVEMENT MATERIALS: 2" PCC 12"		FILL: BR SAND, A-1-b		BR GRAVELLY SAND, A-1-b (continued)		603.2																				
				BR SAND, A-2-4		581.4						8														
				BR SANDY LOAM, A-4		576.4						11														
		PNK BR CLAY LOAM, A-6				596.4						9														
				GR LOAM, A-4		593.9						10														
		BR GRAVELLY SAND, A-1-b				573.9						4														

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STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	ft	(ft)	(/6")	(tsf)	(%)	Surface Water Elev.	ft	Stream Bed Elev.	ft	Groundwater Elev.:	ft	First Encounter	ft	Upon Completion	ft	After 24 Hrs.	ft	(ft)	(/6")	(tsf)	(%)
072-0002(EXIST)	348+32.31	SBB (E. Abut)	349+45	21.0 ft LT	604.40																					
GR LOAM, A-4 (continued)		BR & GR BR GRAVELLY SAND, A-1-b				543.9																				
				Boring Terminated at 70.0 ft.		534.4	-70					12														
		BR GR CLAY LOAM, A-6				553.9						9														
				SAND, A-3 SEAM								12														

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