

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 714		CHRISTIAN	94	81
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
D-6 IL 48 IMPROVEMENT 2006				



ROUTE FAP 714 (IL-48) DESCRIPTION IL 48 over Trib. to Buckhart Creek LOGGED BY M. Tappan
 SECTION D-6 IL 48 Improvement LOCATION NE 1/4, SEC. 14, TWP. 14 N, RNG. 1 W, 3 PM
 COUNTY Christian DRILLING METHOD HSA HAMMER TYPE 140 # Auto

SOIL BORING LOG

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Date 12/27/05

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	(ft)	/6"	(tsf)	(%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	Washed	After 24 Hrs.	(ft)	/6"	(tsf)	(%)	
011-7055	110+98.5	7055-1W	110+64.5	33.0ft LT	616.7					616.3	616.3	605.7	605.7	609.2							
Brown and Gray Moist SILTY CLAY																					
Gray Dirty Wet Coarse SAND (continued) 596.20																					
Gray Moist LOAM (Fill) Washed																					
610.70																					
Brown and Gray Moist CLAY LOAM																					
611.20																					
Brown and Gray V. Moist LOAM																					
609.20																					
Brown and Gray Moist CLAY LOAM																					
606.20																					
Gray Dirty Wet Coarse SAND																					
604.20																					
Gray Medium to Coarse SAND																					
With 1/4" Gravel Washed																					
Washed																					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
 Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating
 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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011-7055	110+98.5	7055-2E	111+12.5	28.5ft RT	617.2					616.3	616.3	603.7	603.7	614.7							
Brown and Gray Moist SILTY CLAY																					
Washed Gray Medium to Coarse SAND (continued) 596.20																					
Gray V. Moist LOAM Washed																					
614.20																					
Tan and Light Gray Moist SILTY CLAY LOAM																					
611.20																					
Brown and Gray V. Moist LOAM																					
609.20																					
Brown and Gray Moist CLAY LOAM																					
606.20																					
Gray V. Moist SAND LOAM																					
604.20																					
Gray Medium to Coarse SAND																					
Gray Medium SANDY GRAVEL Washed																					
Poor Recovery																					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
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BORINGS
IL. ROUTE 48 OVER
TRIBUTARY TO BUCKHART CREEK
F.A.P. ROUTE 714 - SECTION
D-6 IL 48 IMPROVEMENT 2006
CHRISTIAN COUNTY
STA. 110+98.50
S.N. 011-7055