



SOIL BORING LOG

ROUTE 331 DESCRIPTION IL Route 13 over BNSF Railroad near Marathon Drive LOGGED BY KEG

SECTION _____ LOCATION Marion, SECS. 10SW & 15NW, TWP. 9S, RNG. 2E

COUNTY Williamson DRILLING METHOD CME 55LC w/HSA HAMMER TYPE Automatic

STRUCT. NO. _____
 Station _____
 BORING NO. SB-7
 Station 745+27.6
 Offset 56.00ft Lt
 Ground Surface Elev. 446.20 ft (ft) (/6") (tsf) (%)

CLAYEY SHALE: Gray (continued) Extremely hard drilling at 40 to 41 feet.				Surface Water Elev. _____ ft
				Stream Bed Elev. _____ ft
				Groundwater Elev.:
				First Encounter <u>425.2</u> ft ▼
				Upon Completion <u>429.2</u> ft ▼
				After _____ Hrs.

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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COUNTY Williamson DRILLING METHOD CME 55LC w/HSA HAMMER TYPE Automatic

STRUCT. NO. _____
 Station _____
 BORING NO. SB-8
 Station 746+33.8
 Offset 55.40ft Lt
 Ground Surface Elev. 445.99 ft (ft) (/6") (tsf) (%)

GRASS, TOPSOIL, & CRUSHED ROCK - 12 inches				Surface Water Elev. _____ ft
				Stream Bed Elev. _____ ft
				Groundwater Elev.:
				First Encounter <u>429.5</u> ft ▼
				Upon Completion _____ ft
				After _____ Hrs.

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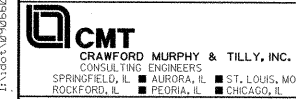
COUNTY Williamson DRILLING METHOD CME 55LC w/HSA HAMMER TYPE Automatic

STRUCT. NO. _____
 Station _____
 BORING NO. SB-8
 Station 746+33.8
 Offset 55.40ft Lt
 Ground Surface Elev. 445.99 ft (ft) (/6") (tsf) (%)

CLAYEY SHALE: Dark gray to black (continued)				Surface Water Elev. _____ ft
				Stream Bed Elev. _____ ft
				Groundwater Elev.:
				First Encounter <u>429.5</u> ft ▼
				Upon Completion _____ ft
				After _____ Hrs.

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)

FILE NAME = I:\vdot\9906683\draw\cadd\sheets\structural\blms\bmrf_r_bridge\BORING LOGS 2.dgn



USER NAME = Gary Davis	DESIGNED - MCC	REVISED -
PLOT SCALE =	CHECKED - ATI	REVISED -
PLOT DATE = 12/7/2011	DRAWN - GLD	REVISED -
	CHECKED - ATI	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS II
STRUCTURE NO. 100-0093 (W.B.) & 100-0094 (E.B.)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1)VB-1	WILLIAMSON	367	201
			CONTRACT NO. 98859	
	ILLINOIS FED. AID PROJECT			