

59-23-K-7888-01 US-59 over Road 1000N

Bridge No. 59-23-10.18(122)NB

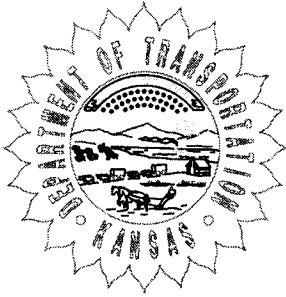
Douglas County

CD 03

N: 38.884845 E: -95.258565 (Approximate)

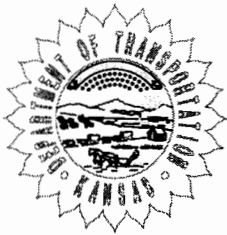
SW ¼, SW ¼, SW ¼, Section 25, T13S, R19E

KANSAS DEPARTMENT OF TRANSPORTATION




RTE./CO. 59-23	SOUNDING NO. CD * 3	SHEET 1 OF 3
BRIDGE STA. 637+94J4	PROJ.NO. 59-23 K-7888-01	BRIDGE NO. 10J8 (122)
SITE NAME Northbound US-59 over 1000 Rd		HOLE STA. 637+39.64' Rt of US-59
GEOLOGIST Crow	SCALE 1:100 (10mm=1m)	DATE 7/19/06
DRILLER Vervynck	RIG TYPE CME-55	TOP HOLE ELEV. 870.36
GW ELEV. H	TOTAL DEPTH 64J	M/B ELEV. 869.89

BIT TYPE	GEOLOGIC NAME	STRATIGRAPHIC COLUMN	DEPTH	ELEVATION	CLASSIFICATION OF MATERIALS DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION	STANDARD PENETRATION TEST (SPT)	
							N COUNT	ELEVATION
	Mantle			872				
				870	THE = 870.36 Tan/brown silty clay	psf		
8" Augers				868	Sandstone, very weathered, tan/orange			
			1	866	Sandstone, tan, moist, ironstone nodules Sandstone, tan, moist, rust-stained, micaceous			
			2	860		45400		859.26
			3	856		196000		854.36
NW size core bit	Lawrence Shale		4	850	Sandstone, moist, cross-bedded, tan in varying colors wood & plant fossils, shear plane	63500		849.56
			5	846	Sandstone, gray moist Sandstone, light & dark gray varves, cross-bedded			
				844				



KANSAS DEPARTMENT OF TRANSPORTATION

RTE./CO. 59-23	SOUNDING NO. CD *3	SHEET 3 OF 3
BRIDGE STA. 637+94J4	PROJ.NO. 59-23 K-7888-01	BRIDGE NO. 10J8 (122)
SITE NAME US-59 over 1000 Rd		HOLE STA. 637+39,64' Rt of US-59

BIT TYPE	GEOLOGIC NAME	STRATIGRAPHIC COLUMN	DEPTH	ELEVATION	CLASSIFICATION OF MATERIALS DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION psf	STANDARD PENETRATION TEST (SPT)	
							N COUNT	ELEVATION
NW size core bit	Lawrence Shale			808	Sandstone, light gray, shaly			
				806	TD 64J (806.26)			