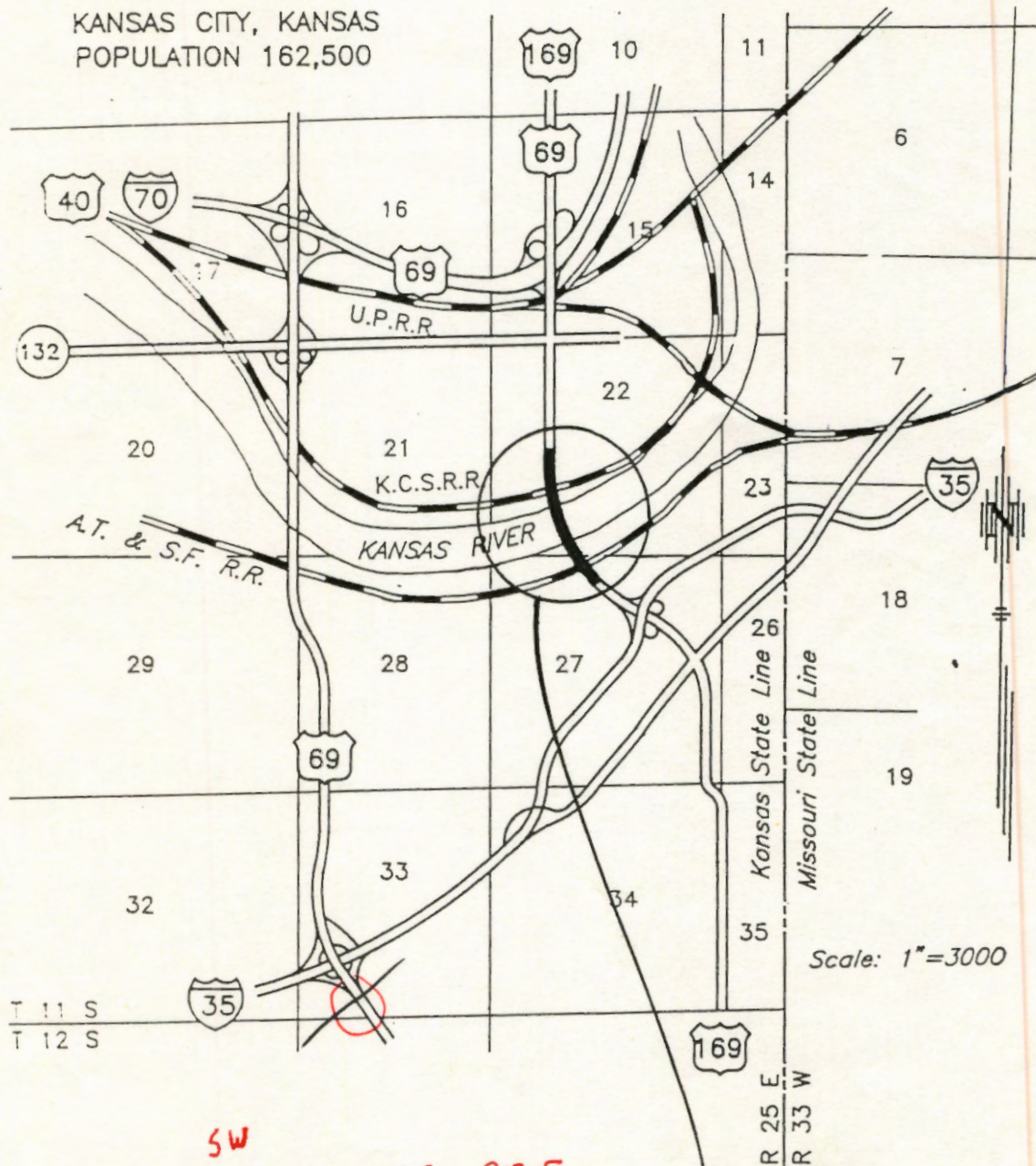


Kansas Department of Transportation

BRIDGE FOUNDATION GEOLOGY REPORT



SW
SE - 22 - 11S - 25 E

169-105 K-2878-01

~~7th St. over Relocated Stine Ave.~~
Wyandotte County

Br # 2.60

169 - over Kansas River

KANSAS DEPARTMENT OF TRANSPORTATION

COUNTY Wyandotte PROJECT NO. K-2878-01 BRIDGE NO. 02.60

DESCRIPTION 7th Str. over Kaw River STA. 219+25, 23' Lt. & right

GEOLOGIST Thompson, Charles VERTICAL SCALE 1" = 10' DATE 3/8/90

BIT TYPE & NO.	GEOLOGIC NAME	GEOLOGIC COLUMN	GROUNDWATER ELEVATION	DEPTH	ELEVATION	GEOLOGIC DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION	STANDARD PENETRATION OR CASING DRIVE	
								BLOWS	ELEV.
					740	T.H.E. 738.32			
				4.8	733.52			Blows per 5'	
				6.3	722.02	Sa. #1. Rec. 1 st . Sand. Fine clay lenses		3, 6, 4	
					720				
				9.8	726.52				
				11.3	722.02	Sa. #2. Rec. 1 st . Dk. gray clay. Some Sand.		1, 2, 1	
				14.8	722.52				
				16.3	722.02	Sa. #3. Rec. 1 st . Lower 1 st some fine clay as dk. gray clay with sand.		4, 7, 8	
					720				
				19.8	718.52				
				21.3	717.02	Sa. #4. Rec. 1 st . Sand. Fine to med. clay. Binder.		1, 3, 4	
				24.8	713.52	Note: Water Table 2			
				26.3	712.02	Sa. #5. Rec. 1 st . Fine Sand. + Dk. gray clay. 2 samples, 1 st sand 2 nd - clay + sand		3, 1, 2	
					710				
				29.8	708.52				
				31.3	707.02	Sa. #6. Rec. 1 st . Dk. gray clay. 1 st fine		1, 2, 2	
				34.8	703.52				
				36.3	702.02	Sa. #7. Rec. 1 st . Clay. E. to gray. Fine to med. sand.		1, 3, 5	
					700				
				39.8	698.52				
				41.3	697.02	Sa. #8. Rec. 1 st . Coarse Sand & gravel. No binder.		3, 5, 7	
				44.8	693.52				
				46.3	692.02	Sa. #9. Rec. 1 st . Coarse Sand & gravel. No binder.		5, 5, 7	
					690				
				49.8	688.52				
				51.3	687.02	Sa. #10. Rec. 1 st . Sand. med to coarse		5, 7, 9	
				54.8	683.52				
				56.3	682.02	Sa. #11. Rec. 1 st . Sand. Coarse to med. Some silty clay binder		5, 9, 19	
					680				
				59.8	678.52				
				61.3	677.02	Sa. #12. Rec. 1 st . Partly sorted gravel & sand.		5, 6, 5	
				64.8	673.5				
				66.3	672.0	Sa. #13. Rec. 1 st . Gravel, partly sorted. Sand med. Some 1" diam. pebbles.		5, 5, 6	
					670				

ROUTE NO. 169

SOUNDING NO. CD#3

SHEET 2 OF 4

KANSAS DEPARTMENT OF TRANSPORTATION

COUNTY *Winnebago* PROJECT NO. *K-2873-01* BRIDGE NO. *02.60*
 DESCRIPTION *7th Str. over Kaw River* STA. *219+25, 23' 4" & proj.*
 GEOLOGIST *Thompson-Clovers* VERTICAL SCALE *1"=10'* DATE *3/9/90*

BIT TYPE & NO.	GEOLOGIC NAME	GEOLOGIC COLUMN	GROUNDWATER ELEVATION	DEPTH	ELEVATION	GEOLOGIC DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION	STANDARD PENETRATION OR CASING DRIVE	
								BLOWS	ELEV.
		0.0		69.8	668.5				
		1.0		71.3	667.0	Sq. #14. Gravel & Sand med. to coarse.		4, 5, 7	
		2.0		74.8	663.5				
		3.0		76.3	662.0	Sq. #15. Sand, med. to coarse.		6, 9, 9	
		4.0			660				
		5.0		79.8	658.5				
		6.0		81.3	657.0	Sq. #16. Sand & Gravel.		5, 6, 9	
		7.0							
		8.0		85.0					
		9.0							
		10.0							
		11.0							
		12.0							
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