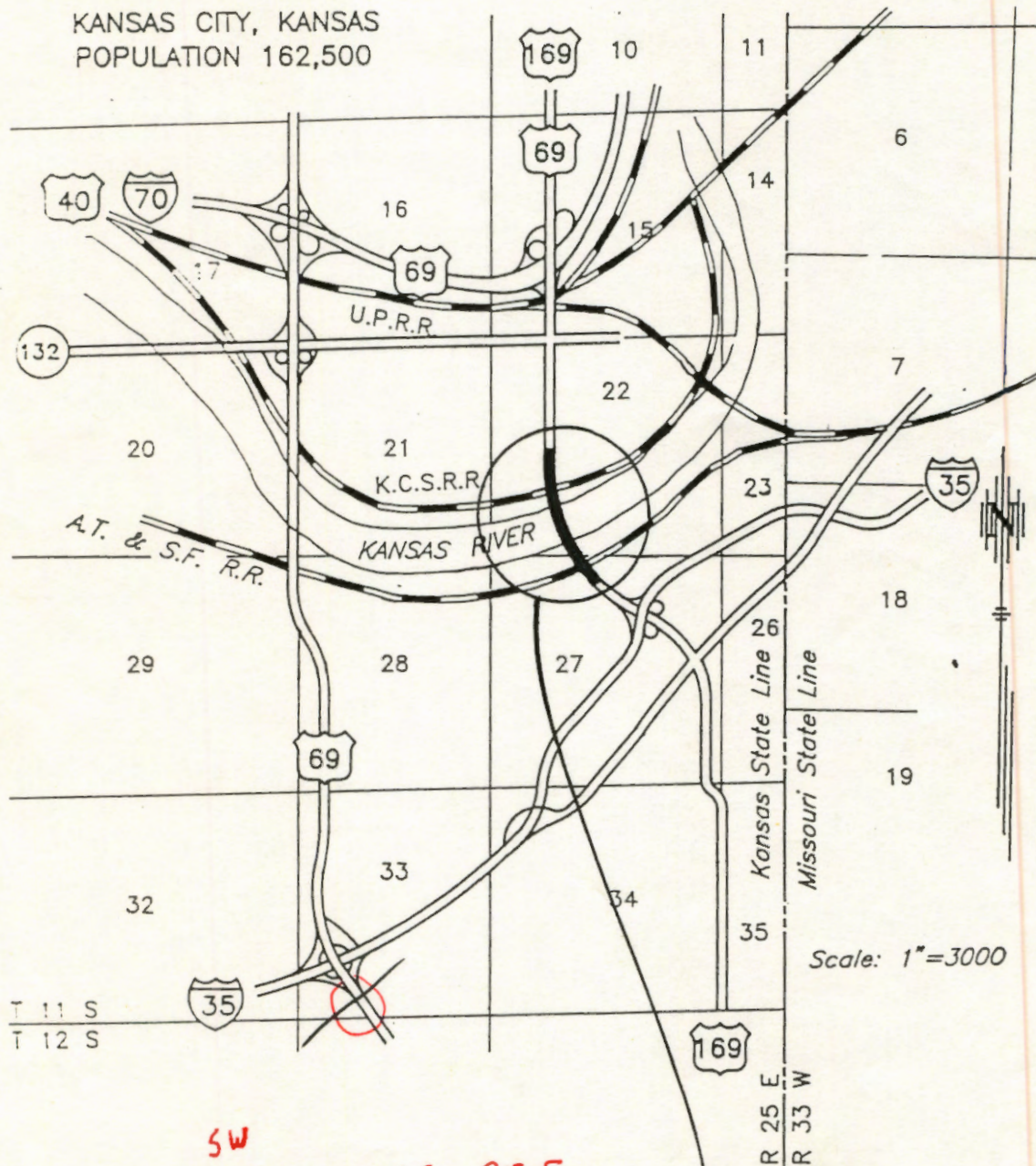


Kansas Department of Transportation

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. 169-105-K-2878 BRIDGE NO. 2.60

DESCRIPTION US-169 over Kan River STA. 211+31, Lt 56.1'

GEOLOGIST Kotyauetz VERTICAL SCALE 1" = 10' DATE 2-19-1990

BIT TYPE & NO.	GEOLOGIC NAME	GEOLOGIC COLUMN	GROUNDWATER ELEVATION	DEPTH	ELEVATION	GEOLOGIC DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION	STANDARD PENETRATION OR CASING DRIVE	
								BLOWS	ELEV.
	Manile					T.H.E. 774.7 sh, clay, ls fragments, brown			
				16 ²	770	768.1			
	Winterset					ls, hard, dense, thin partings with limonite staining	766.2 S#1 Qu. 454 L.S.F.		
				13 ²	762	761.7			
				15 ²	760	759.0 sh, clayey, grayish green - black			
				19 ²		755.5 sh, clayey, fissile, black.	757.2 S#2 Qu. 485 L.S.F.		
							752.5 S#3 Qu. 488 L.S.F.		
							750.5 S#4 Qu. 796 L.S.F.		
				28 ²	750	ls, hard, dense, lt. gray.			
				36 ²	740	738.7			
				39 ²		734.7 ls, orange brown			
						sh, clayey, dk. gray. Lower 1.9' black fissile sh.			
				46 ²	730	727.9			
				49 ²		725.4 ls, hard, thin sh. partings, dk. gray sh, clayey, dk. gray.			
						ls, hard, dense, lt. gray with yellowish brown zones.			
				57 ²	720	716.7			
						sh,			
				101 ²	710	673.5 T.D. S.S.			

KANSAS DEPARTMENT OF TRANSPORTATION

COUNTY Wyandotte PROJECT NO. 169-105-K-2878-01 BRIDGE NO. 2.60

DESCRIPTION US-169 over Kaw River STA. 211+31, Lt. 56.1'

GEOLOGIST

VERTICAL SCALE

DATE 2-19-1990

BLT TYPE & NO.	GEOLOGIC NAME	GEOLOGIC COLUMN	GROUNDWATER ELEVATION	DEPTH	ELEVATION	GEOLOGIC DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION	STANDARD PENETRATION OR CASING DRIVE	
								BLOWS	ELEV.
						T.H. 774.7			
						Core #1, 6'-10" (768.1-764.7)			
						Cut 54 Rec. 32			
						Core Rec. 94%			
						MCR 1.2 ft.			
						R.Q.D. 35%			
						Core Sample			
						0.2 0.05			
						0.22			
						0.30			
						0.60			
						0.30			
						0.24			
						0.60			
						0.18			
						0.22			
						0.27			
						3.20			
						Core #2, 10'-12" (764.7-762.7)			
						Cut 20 Rec. 19			
						Core Rec. 95%			
						MCR 0.9 ft.			
						R.Q.D. 45%			
						Core Sample			
						0.10			
						0.90			
						0.05			
						0.30			
						0.20			
						0.25			
						0.10			
						1.90			