

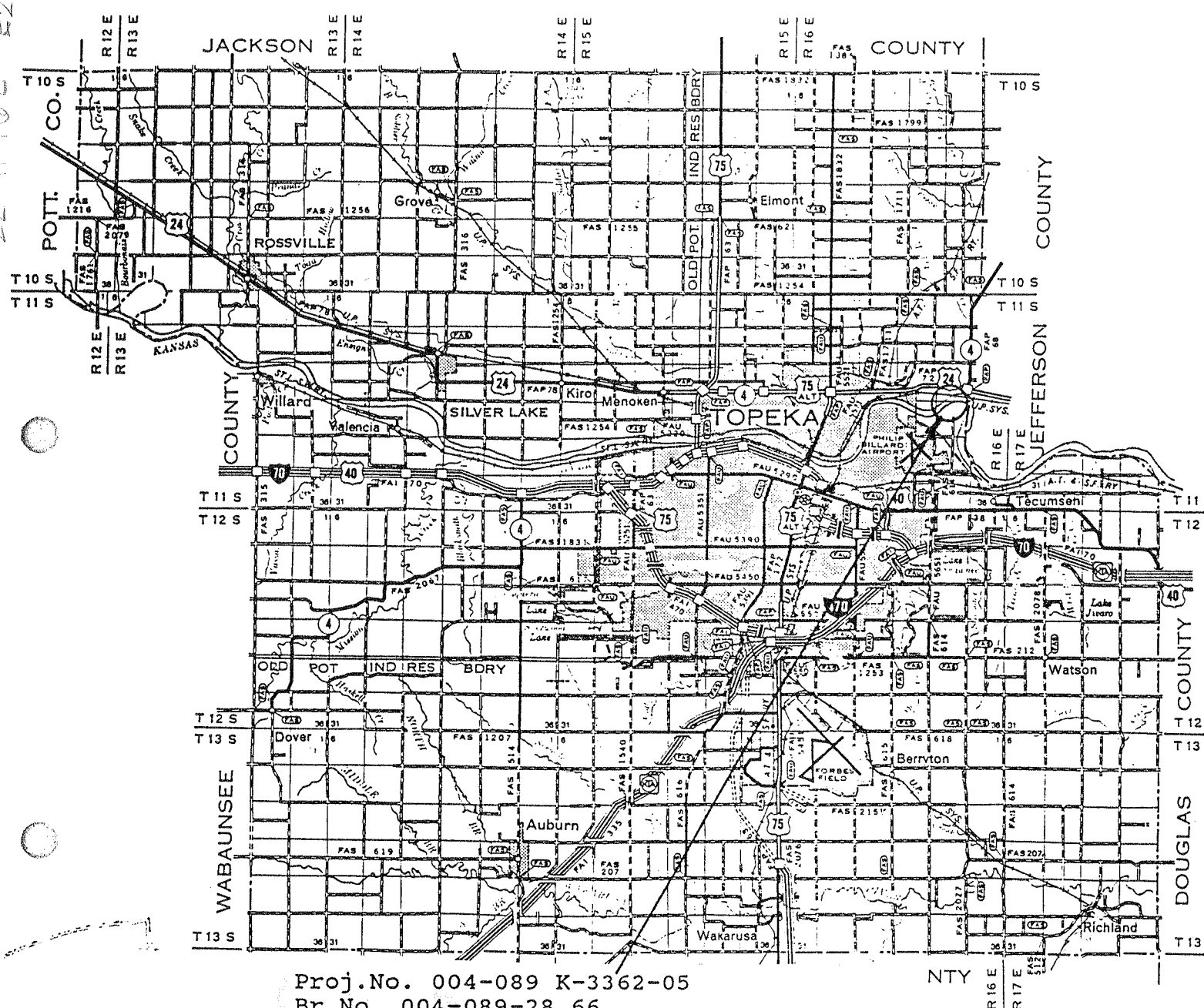
KANSAS DEPARTMENT OF TRANSPORTATION



1. ROUTE-COUNTY NO. 004-089	7. SOUNDING NO. 2	12. SHEET 01 OF 02
2. BRIDGE STA. 637+48.25	8. PROJECT NO. K-3362-01	13. BRIDGE NO. 28.66
3. DESCRIPTION Oakland Expressway		14. HOLE STA. 672+42, 264 Rt
4. GEOLOGIST (Bergman logged)	5. VERTICLE SCALE 1"=10'	15. DATE 3-30-93
6. DRILLER Bergman	10. RIG B-61	16. ELEVATION TOP OF HOLE 965.5
9. GROUND WATER ELEV. 954.9	11. TOTAL DEPTH OF HOLE 36 ⁵	17. ELEVATION TOP OF ROCK 963.9

BIT TYPE & NO.	GEOLOGIC NAME	STRATIGRAPHIC COLUMN	DEPTH	ELEVATION	CLASSIFICATION OF MATERIALS DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION	STANDARD PENETRATION OR CASING DRIVE	
							BLOWS	ELEV.
			0°	965.5				
	Mantle		16	963.9	Clay, brown			
	Bois ls		3'	962.4	Limestone with shale breaks, weathered			
	Turner Creek sh		5 ⁶	959.9	Shale, weathered, tan with orange streaks			
	Sheldon ls		8°	957.5	Limestone, tan, orange weathered zones, lower shaly			
	Jones Point Shale		12 ³	953.2	Shale, gray, clayey			
	Curzon ls.		13 ⁷	951.8	Limestone, gray hard			
			15°	950.5	Limestone shaly			
			1		Limestone, gray, fossiliferous shaly breaks			
			20 ⁹	944.6				
	Iowa Point sh		22 ³	943.2	Shale, gray			
	Hartford ls			940	Limestone, light gray, hard grades to dark gray at bottom.			
			3	28 ⁵				
				937.0				
	Calhoun shale		4		Shale, gray			
					shale, gray, sandy			
			5		sandstone, gray, organic			
			36 ⁵	930	929.0 TD			

22-1-16 E2 E2

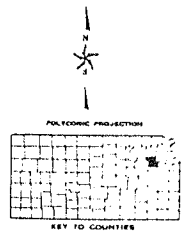


Proj.No. 004-089 K-3362-05
Br.No. 004-089-28.66
Oakland Expressway over the Kansas River
Sta.637+48.25
Shawnee County

LEGEND

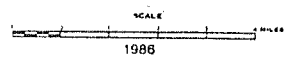
- ROADS AND ROADWAY FEATURES**
- PRIMITIVE ROAD
 - UNIMPROVED ROAD
 - GRADED AND DRAINED ROAD
 - SOIL SURFACED ROAD
 - GRAVEL OR STONE ROAD
 - NOT GRADED OR DRAINED
 - GRAVEL OR STONE ROAD
 - GRADED AND DRAINED
 - GRAVEL OR STONE ROAD WITH STABILIZED SURFACE
 - BITUMINOUS ROAD-LOW TYPE
 - PAVED ROAD
 - DIVIDED HIGHWAY
 - HIGHWAY WITH FULL CONTROL OF ACCESS AND INTERCHANGE

- ROAD SYSTEM DESIGNATION**
- FEDERAL-AID INTERSTATE HIGHWAY SYSTEM
 - FEDERAL-AID PRIMARY HIGHWAY SYSTEM
 - FEDERAL-AID SECONDARY HIGHWAY SYSTEM
 - INTERSTATE NUMBERED HIGHWAY
 - U.S. NUMBERED HIGHWAY
 - STATE HIGHWAY SYSTEM OR STATE NUMBERED HIGHWAY
 - END OF DESIGNATED SYSTEM OR MARKED ROUTE



GENERAL HIGHWAY MAP
SHAWNEE COUNTY
KANSAS

PREPARED BY THE
KANSAS DEPARTMENT OF TRANSPORTATION
BUREAU OF TRANSPORTATION PLANNING
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION



FA SYSTEM REVISED TO MAR. 15 1968