

Note:

Bridge G

2AED

Bridge H

450+07, 2Rt N.B. I-335 $\approx$ 447+63 B Ramp 4N-70E

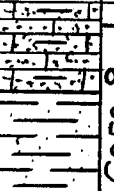
KANSAS DEPARTMENT OF TRANSPORTATION

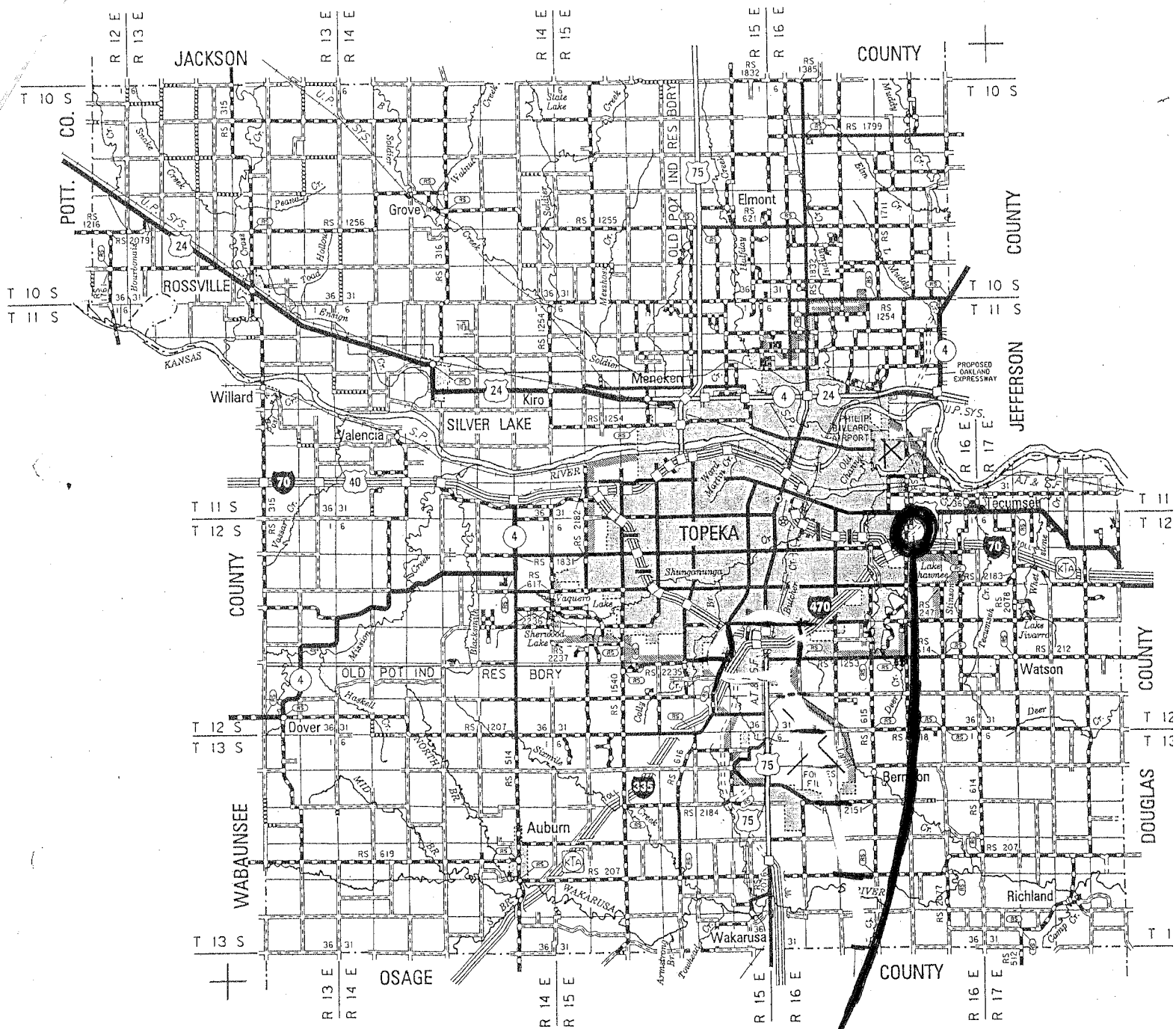


1. ROUTE-COUNTY NO. 004-089	7. SOUNDING NO. 1	12. SHEET 1 OF 3
2. BRIDGE STA. 460+00.65 W.B. I-70	8. PROJECT NO. K-6252-01	13. BRIDGE NO. 335-89-12.44
3. DESCRIPTION N.B. I-335 over I-70 Abut. 2	9. HOLE STA. 450+07, 2Rt B	
4. GEOLOGIST Ryan	10. VERTICLE SCALE 1"=5'	14. DATE Aug 8, 1996
5. DRILLER Erikson	11. RIG CME 55	15. ELEVATION TOP OF HOLE 987.7
6. GROUND WATER ELEV. —	16. TOTAL DEPTH OF HOLE 42°	17. ELEVATION TOP OF ROCK 984.7

BIT TYPE & NO.	GEOLOGIC NAME	STRATIGRAPHIC COLUMN	DEPTH	ELEVATION	CLASSIFICATION OF MATERIALS DESCRIPTION AND REMARKS	QU = t.s.f. UNCONFINED COMPRESSION	STANDARD PENETRATION OR CASING DRIVE	
								ELEV.
			0°	987 ⁷			Sample #	
Casir.	Mantle		3°	985 984 ⁷	Silty Clay, brown, Rust-brown			
	Hartford Mbr.		6 ⁵	980 981 ²	Limestone, weathered but firm, orange-brown/olive-brown	384.88	1-1	983 ⁷
			8 ²	980 979 ⁵	Shale, weathered, olive-brown	9.04	1-2	978 ⁸
				975	Shale, thin sandy laminations, becoming sandy, gray/dark-gray	10.18	1-3	975 ⁹
			14 ²	973 ⁵		12.40	1-4	974 ³
			17 ⁴	970 970 ³	Sandstone, with shale laminations, Gray	34.37	1-5	971 ⁵
				965	Shale, sandy, with siltstone lenses, gray/blue-gray platey	20.71	1-6	968 ⁸
				960		10.14	1-7	963 ¹
						23.85	1-8	960 ⁷
			32 ⁴	955 955 ³		3.3	1-9	956 ⁶
			34 ⁰	953 ⁷	Sandstone, shaley, gray	60.62	1-10	954 ⁰
			35 ¹	952 ⁶	Shale, very sandy, dark gray Sandstone, shaly, gray			

* see note
N.B. I-335

DRILLING LOG (con't sheet)			SOUNDING NO. 1		PROJECT NO. K-6252-01		SHEET 2 OF 3	
ELEVATION TOP OF HOLE 987.7			GROUND WATER ELEV. —		TOTAL DEPTH OF HOLE 42°		ELEVATION TOP OF ROCK 984.7	
BIT TYPE & NO.	GEOLOGIC NAME	STRATIGRAPHIC COLUMN	DEPTH	ELEVATION	CLASSIFICATION OF MATERIALS DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION	STANDARD PENETRATION OR CASING DRIVE	
								ELEV.
Diamond	Calhoun Fm.		39°	950	Sandstone, shale laminations gray	92.71	1-11	949.5
			42° TD	945	shale, minor sand, platy dark gray	32.23	1-12	945.9

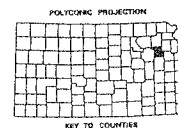


BRIDGE FOUNDATION GEOLOGY REPORT

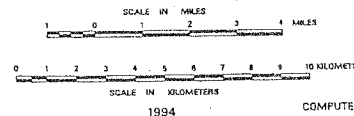
004-089 K-6252-01
 BR. NO. 40-89-20.21(254)
 E.B. K-4 over I-70
 Sta. 455+22.58
 Shawnee County

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



RS SYSTEM: REVISED TO JULY 12, 1995



COMPUTED
 GENERATE

3-125-16E

2-125-16E



RICE / CROCO NORTH

4N-70W

335S-70

Core hole
(48+62)

Core #2

Core

Core hole here
(450+07)

I-70

70W-4N

Core hole here
(53+43)

70W-335S

core #1
(2050+17, 155 LT.
= 439+36, 64 LT.)

4N-70E

N.B. I-335

S.B. I-335

EA

1st Street

Croco Road

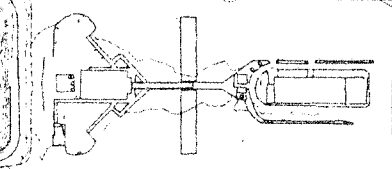
65+85

Core hole here

Core hole here

Core hole here

SERVICE AREA



Turnpike

2nd Street

(EST)