

Note:

Bridge G

2AED

Bridge H

450+07, 2RT N.B. I-335 ≈ 447+63 B Ramp 4N-70E ←

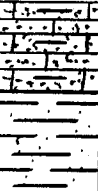
KANSAS DEPARTMENT OF TRANSPORTATION

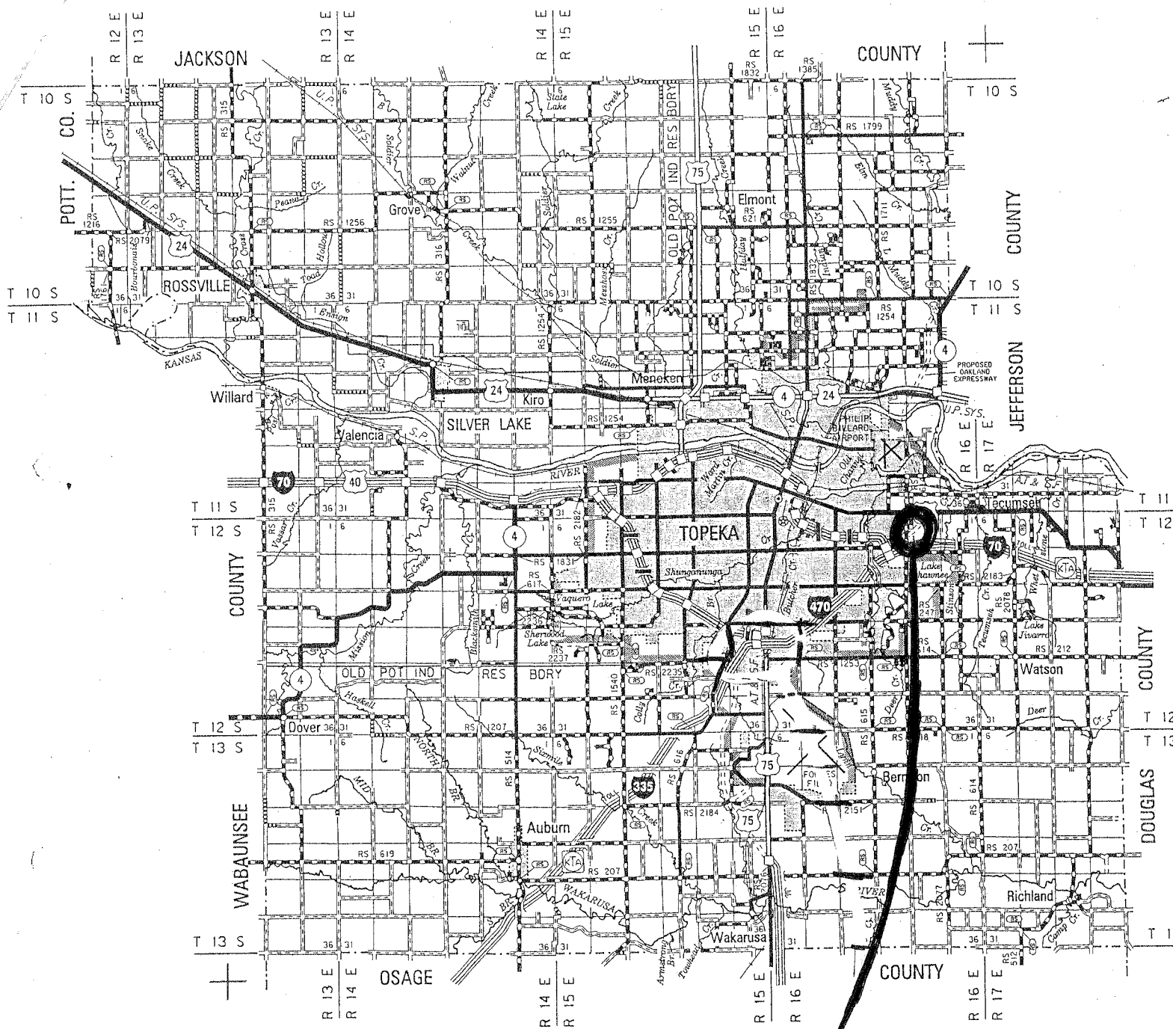


1. ROUTE-COUNTY NO. 004-089	7. SOUNDING NO. 1	12. SHEET 1 OF 3
2. BRIDGE STA. 460+00.65 W.B. I-70	8. PROJECT NO. K-6252-01	13. BRIDGE NO. 335-89-12.44
3. DESCRIPTION N.B. I-335 OVER I-70 Abut. 2	9. HOLE STA. 450+07, 2RT	14. HOLE STA. 450+07, 2RT
4. GEOLOGIST Ryan	10. VERTICLE SCALE 1"=5'	15. DATE Aug 8, 1996
5. DRILLER Erikson	11. RIG CME 55	16. ELEVATION TOP OF HOLE 987.7
6. GROUND WATER ELEV. —	17. TOTAL DEPTH OF HOLE 42°	18. ELEVATION TOP OF ROCK 984.7

* see note
N.B. I-335

BIT TYPE & NO.	GEOLOGIC NAME	STRATIGRAPHIC COLUMN	DEPTH	ELEVATION	CLASSIFICATION OF MATERIALS DESCRIPTION AND REMARKS	Q _u -t.s.f. UNCONFINED COMPRESSION	STANDARD PENETRATION OR CASING DRIVE	
							Sample #	ELEV.
			0°	987 ⁷				
Casir	Mantle		3°	985 984 ⁷	Silty Clay, brown, Rust-brown			
	Hartford Mbr.	Core 2-1	6 ⁵	981 ²	Limestone, weathered but firm, orange-brown/olive-brown	304.88	1-1	983 ⁷
	Diamond Calhoun Formation	Core 3	8 ²	980 979 ⁵	Shale, weathered, olive-brown	9.04	1-2	978 ⁸
		Core 4	14 ²	975 973 ⁵	Shale, thin sandy laminations, becoming sandy, gray/dark-gray	10.18	1-3	975 ⁹
		Core 5	17 ⁴	970 970 ³	Sandstone, with shale laminations, Gray	12.40	1-4	974 ³
		Core 6		965	Shale, sandy, with siltstone lenses, gray/blue-gray platy	34.37	1-5	971 ⁵
		Core 7		960		20.71	1-6	968 ⁸
		Core 8	32 ⁴	955 955 ³		10.14	1-7	963 ¹
			34 ⁰	953 ⁷	Sandstone, shaly, gray	23.85	1-8	960 ⁷
			35 ¹	952 ⁶	Shale, very sandy, dark gray	3.3	1-9	956 ⁶
					Sandstone, shaly, gray	60.62	1-10	954 ⁰

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				945.9
					shale, minor sand, platy dark gray	32.23	1-12	945.9

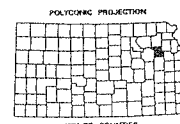


BRIDGE FOUNDATION GEOLOGY REPORT

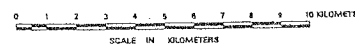
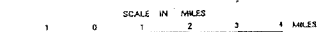
004-089 K-6252-01
 BR. NO. 40-89-20.21(254)
 E.B. K-4 over I-70
 Sta. 455+22.58
 Shawnee County

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



1994

COMPUTE!
 GENERATE

3-125-16E

2-125-16E



RICE / CROCO NORTH

4N-70W

335S-70E

Core hole
(48+62)

Core #2

Core

Core hole here
(450+07)

I-70

70W-4N

Core hole here
(53+43)

Core hole here
(442+81-74)

70W-335S

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

4N-70E

N.B. I-335

S.B. I-335

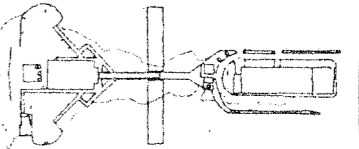
St. Street

Croco Road

Core hole here
(65+85)

Core hole here

SERVICE AREA



Turnpike

Core hole here

St. Street

WEST

12180

12185

12190

12195

12200

12205

12210

12215

12220

12225

12230

2025

2030

2035

2040

2045

3045

3050

3055

3060

3065

3070

1030

1035

1040

430

435

440

445

450

455

460

465

470

475

480

485

2025

2030

2035

2040

2045

3045

3050

3055

3060

3065

3070