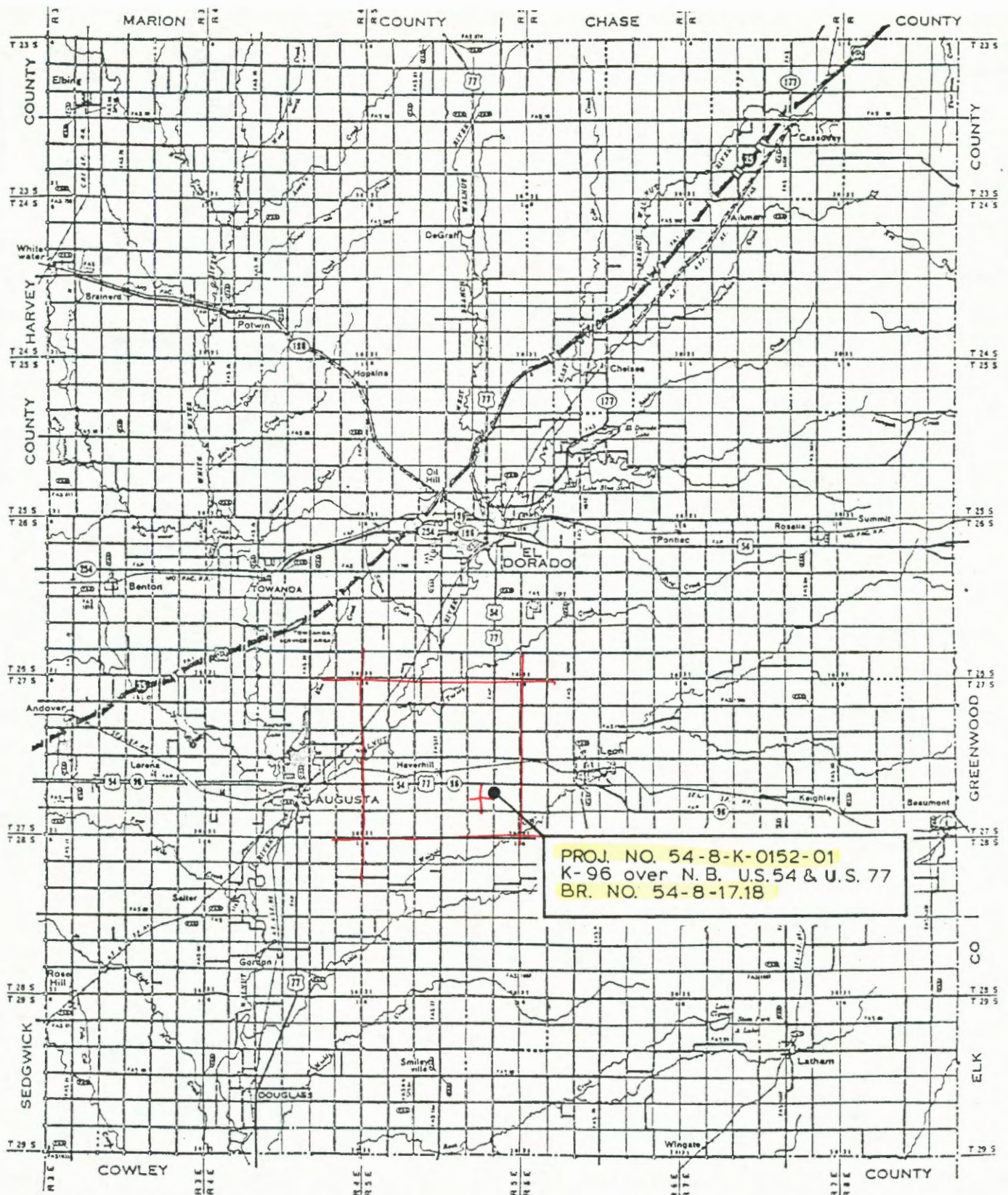


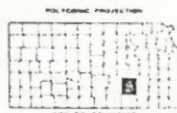


SE-NE-26-27S-5E

0-31

Chase

Fort Riley Ls



F.A.S. SYSTEM REVISED TO JANUARY 2, 1975

GENERAL HIGHWAY MAP BUTLER COUNTY KANSAS

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

SCALE
1975

SOUNDING DATA

KANSAS DEPARTMENT OF TRANSPORTATION

Sheet of

COUNTY *Butler*

PROJECT NO. 54-8 K 0152-01

BRIDGE NO. 17.18

Q. STA. 409 + 65.16

NAME K-96 over 118-54 + 77 STA. 408 + 51

RT/22 SOUND, NO. /

GROUNDWATER EL. /33/.3

VERTICAL SCALE 1 inch = 10 feet

DATE August 1981

B.M. NO. 38 D

B.M. EL. 1348.24

SUBMITTED BY *Keontz*

POINT

B.S.

H.I.

F.S.

ELEV.

POINT

B.S.

H.I.

F.S.

ELEV.

(See attached sheet)

FORM	BIT	EL.	LOG	ACC. DEP.	GEOLOGIC DESCRIPTION AND REMARKS	CASING DRIVE REC.	
						DEPTH	BL/10
		1350					
					T. H. E. 1346.3		
Sol. Mantle	5 1/2"	1340	4" Casing	5.2	Silty clay, brown, firmer below 2'; gray brown clay, silty reddish-brown, fairly tight at 3'	1344.1	
	Hawthorne			7.0	Limestone, firm, tan to tan-gray, drills steady, with little chatter.	1339.3	1339.4
	Core Barrel				Core #1 Cut 5° Rec 4 ²		6.9
				12.0	(See attached sheet)	1334.3	
		1330			Core #2 Cut 4° Rec 4 ⁵	1329.7	
				16.6			
		1320			Limestone tan to tan-gray, firm to hard, chalky, drills steady, with some chatter, contains some thin shaly limestone zones, usually only a few tenths thick fossil frags, harder at 20' with thin shaly breaks, harder at 21' gray, chatter, contains thin softer shaly zones, shaly breaks are dark gray some fossil frags	1315.4	
	Hawthorne			30.9			
		1310			T. D. B. 5.4		

Core Description

Proj. 54-8 K 0152-01

Br. No. 17.18 Butler Co.

C.D. #1 Sta. 408+51 Rt. 22

Core #1

Cut 5°

Rec 4²

0.8 Limestone, tan, shaly

2.5 Limestone, tan, with orange staining, vugs and solution zones

0.9 Limestone, tan-gray, firm

4² Total Recovery

Core #2

Cut 4°

Rec 4⁵

2.4 Limestone, tan-gray, chalky with thin shaly partings, firm to hard

2.2 Limestone, tan with tan-brown staining vugs and solution cavities.

4⁶ Total Recovery