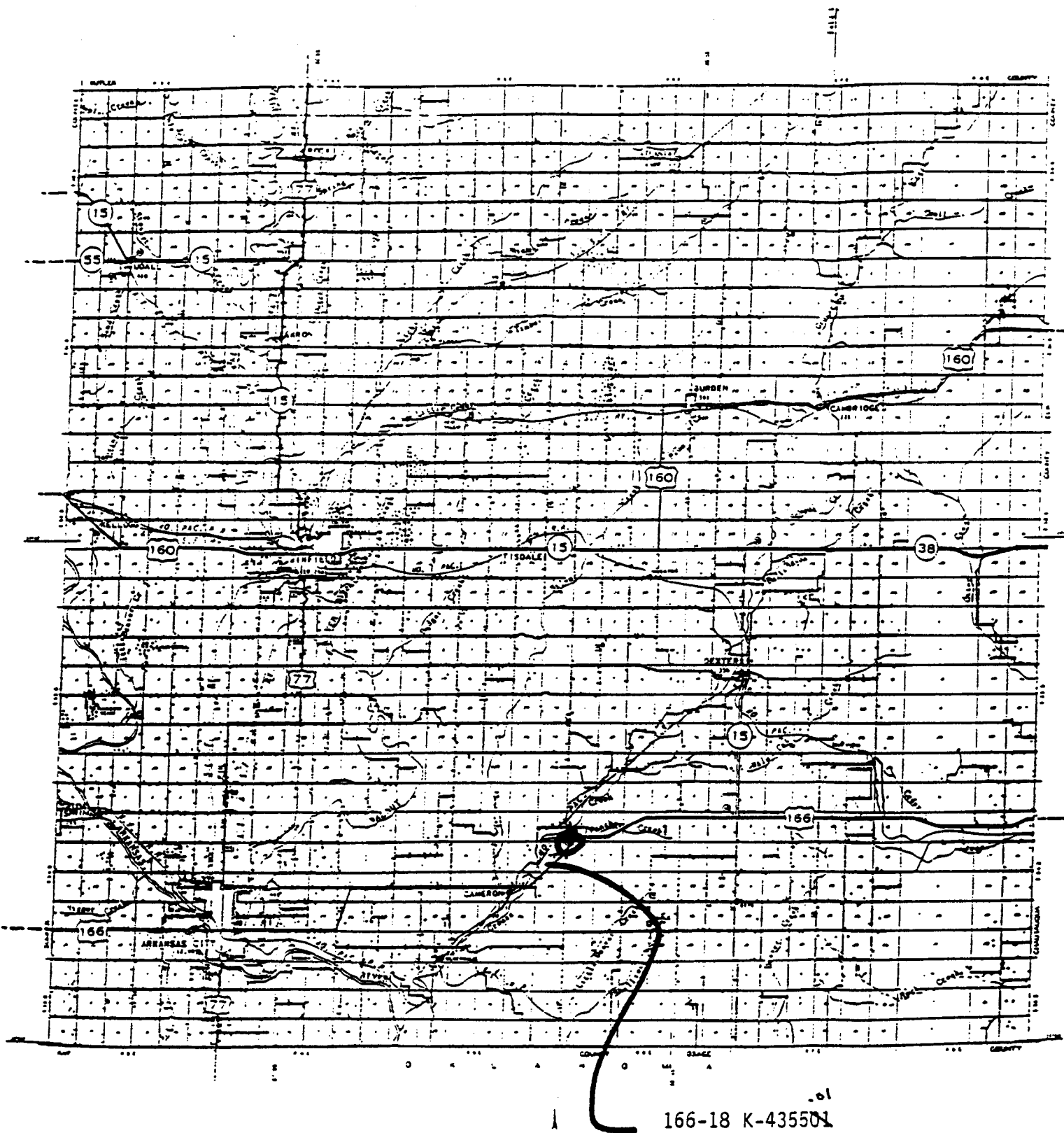


BRIDGE FOUNDATION GEOLOGY REPORT
Job No. 02905163C



166-18 K-435501
• Cowley County
Bridge at Sta. 659+30

COWLEY-18

C-S2-7-34J-6E

0-40'

Council Grove

Crouse limestone to Easley Creek SM

LOG OF STATION: 659+55 LT 18', BORING NO. B-2-2

Page 1 of 1

OWNER KANSAS DEPARTMENT OF TRANSPORTATION				ENGINEER COOK, FLATT & STROBELL									
SITE COWLEY COUNTY, KANSAS				PROJECT 166-18K-4355-01									
GRAPHIC LOG	DESCRIPTION			DEPTH (FT.)	HORIZON	SAMPLES			TESTS				
						SPT - N BLOWS/FT.	TYPE	RECOVERY, in.	KDOT TEXTURAL SYMBOL	IN-SITU MOISTURE, %	IN-SITU DRY DENSITY, PCF	KDOT SAMPLE NUMBER	LL, ATTERBERG PL, PLIMITS & PI, QU RESULTS
	Surface Elevation: 1102.30 ft. Station: 659+55 LT 18'												
	0.6	SILTY CLAY, Very Dark Gray Brown, 10YR 3/1		1101.7			PA						
		SILTY CLAY, Very Dark Gray Brown, 10YR 3/1					ST	10		25.8	99	1	4760
	9.0			1093.3			PA						
	12.0	CLAY, Trace Limestone Fragments, Very Dark Gray Brown, 10YR 3/2, (possible fill)		1090.3			ST	9		27.4	95	2	
		CLAY, Dark Brown, 10YR 3/3					PA						
	16.0			1086.3			ST	15		24.6	105	3	44,19,25 4020
	18.7	CLAYEY GRAVEL		1083.6			PA						
	25.0	**LIMESTONE, light gray, with thin shale lenses		1077.3									
	BOTTOM OF BORING												
	** Classification estimated from disturbed samples. Core samples and petrographic analysis may reveal other rock types.												

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL AND ROCK TYPES: IN-SITU, THE TRANSITION MAY BE GRADUAL.

WATER LEVEL OBSERVATIONS				BORING STARTED 6-16-93			
WL	▽	10.0	W.S. ▽	9.5	BORING COMPLETED 6-16-93		
WL					RIG CME 45	FOREMAN	EK
WL					APPROVED EMK	JOB #	02905163C

Terracon