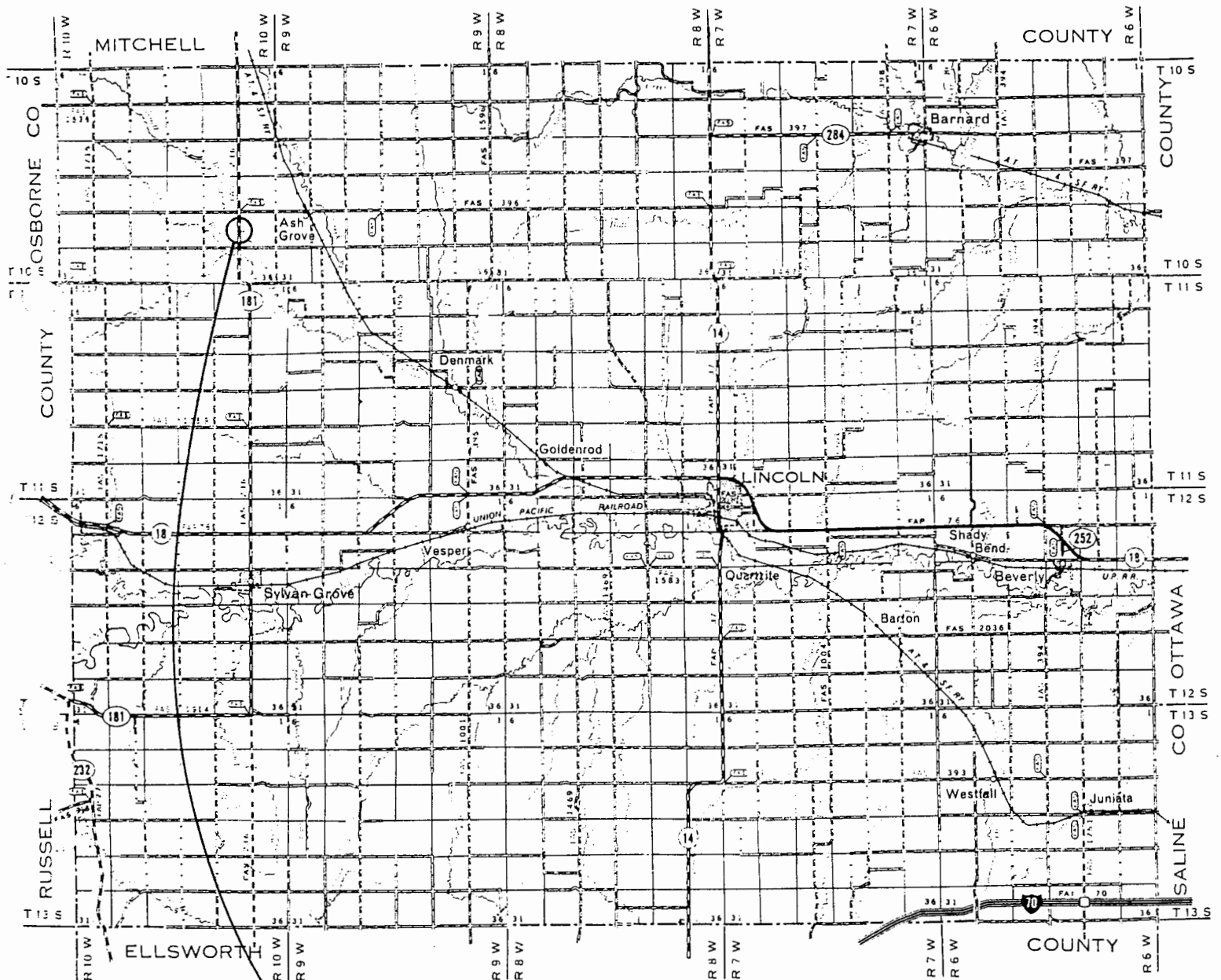


Kansas Department of Transportation

BRIDGE FOUNDATION GEOLOGY REPORT

2CA2 ✓



181-53 K-0519-01
Br. No. 18.73
Lincoln County

COUNTY Lincoln			PROJECT NO. 181-53 K-0519-01			BRIDGE NO. 18.73					
2 STA. 47+00			NAME Sault Ste. Marie Creek			STA. 46+35			RT/LT 14' SOUN. NO. 1		
GROUNDWATER EL.			VERTICAL SCALE 1"=10'			DATE 11-17-81					
B.M. NO. 2			B.M. EL. 1499.65			SUBMITTED BY Leo Teasley					
POINT	B.S.	H.I.	F.S.	ELEV.	POINT	B.S.	H.I.	F.S.	ELEV.		
A1	3.13	1502.78									
			8.80	1493.98							

FORM	BIT	EL.	LOG	ACC. DER.	GEOLOGIC DESCRIPTION AND REMARKS	CASING DRIVE REC. DEPTH	BL/10
------	-----	-----	-----	-----------	----------------------------------	-------------------------	-------

Alluvium		1490			T.H. 1493.98' CD-1		
		1480					
		1470					
		1460					
		1450					
		1440					
		1430					
		1420					
		1410					
		1400					
Dakota Fm.		1468.98	25°	1468.98	sandstone, tan-brown	25°	1468.98
		1467.98	26°	1467.98	Shale, sandy, Lt.-grey		
		1466.08	27°	1466.08	Shale, silty, grey, contains sandstone lenses		
		1463.78	30°	1463.78	Sandstone, Lt.-grey		
		1461.58	32°	1461.58	Shale, silty, grey		
		1460.88	33°	1460.88	Sandstone, grey		
		1456.08	37°	1456.08	Shale, clayey, grey		
		1454.78	39°	1454.78	Sandstone, Lt. grey		
		1452.88	41°	1452.88	Shale, clayey, grey		
		1450.88	43°	1450.88	Sandstone, Lt.-grey		
Core #1, 25°-28°, (1468.48-1465.88) Cut 2', Rec. 2' Core #2, 28°-33°, (1465.88-1460.88) Cut 5', Rec. 4' Core #3, 33°-37°, (1460.88-1456.08) Cut 4', Rec. 4' Core #4, 37°-43°, (1456.08-1450.88) Cut 5', Rec. 4'							