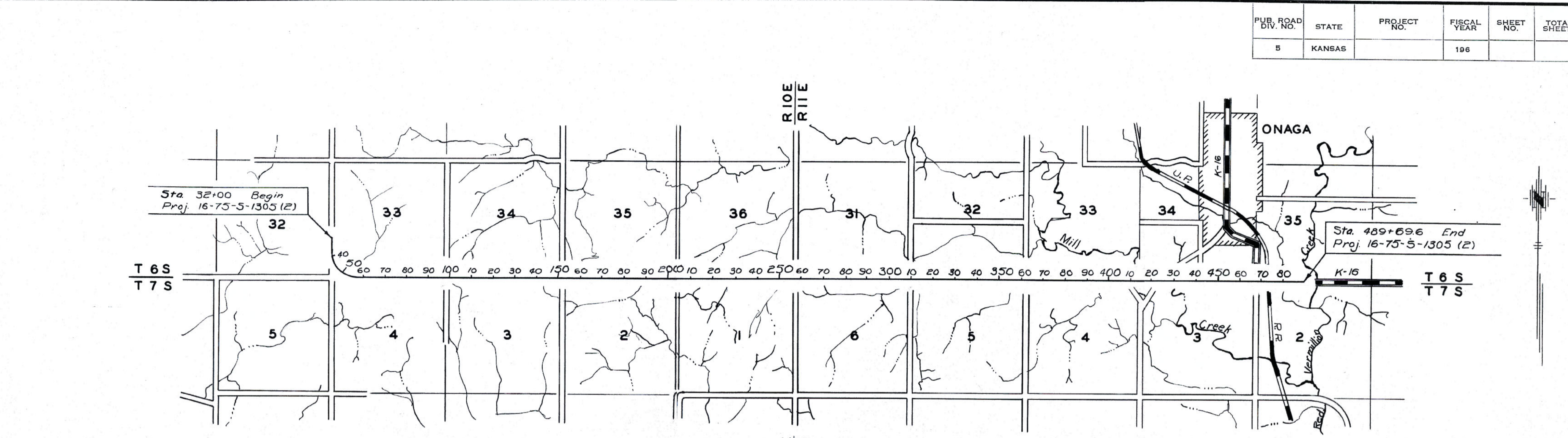


SYMBOL	MEMBER	DESCRIPTION	THICKNESS
1	RECENT	1 Topsoil; clay, silty, dark gray brown. (C)	1.5'-2.5'
2		2 Alluvium; clay, silty, dark gray. (C)	7.0'±
3		3 Kansas Till; clay, silty and sandy, brown and red brown, contains pebbles and boulders locally. (C)	0.0'-40.0'
4	MANTLE	4 Residual clay; clay, tan-brown, limy nodules locally. (C)	0.0'-5.0'
5		5 Limestone, gray, slabby, weathers tan-gray. (R)	1.6'±
6	CROUSE LIMESTONE	6 Shale, gray, blocky, weathers tan-green. *(R)	0.6'
7		7 Limestone, gray, blocky, weathers tan-gray. (R)	4.1'
8	EASLY CREEK SHALE	8 Shale, gray, blocky, weathers gray-green. *(R)	7.9'
9		9 Limestone, gray, blocky, weathers light gray. (R)	1.6'
10		10 Shale, green, blocky, weathers tan-green. *(R)	3.3'
11	SHALE	11 Shale, maroon, blocky, weathers maroon *(R)	0.4'
12		12 Shale, green, blocky, weathers green. *(R)	0.8'
13		13 Shale, maroon, blocky, weathers maroon. *(R)	3.5'
14		14 Shale, limy, green, blocky, weathers green. *(R)	1.0'
15	15 Shale, maroon, blocky, weathers maroon. *(R)	3.7'	
16	MIDDLEBURG LIMESTONE	16 Shale, limy, green, blocky, weathers tan-green. *(R)	4.3'
17		17 Limestone, gray, blocky, weathers gray. (R)	1.4'
18		18 Shale, gray-green, blocky, weathers green, lower 0.2' is very dark blue-gray, weathers gray. (R)	0.5'
19	HOOSER SHALE	19 Limestone, gray, blocky, weathers gray. (R)	1.8'
20		20 Shale, dark gray, blocky, weathers gray. *(R)	1.9'
21	EISS LIMESTONE	21 Shale, green, blocky, weathers green. *(R)	5.1'
22		22 Shale, maroon, blocky, weathers maroon *(R)	2.8'
23		23 Shale, green, blocky, weathers green. *(R)	0.5'
24	STEARN'S SHALE	24 Limestone, gray, blocky, weathers tan-gray, somewhat shaly. (R)	2.7'
25		25 Shale, limy, light gray, blocky, weathers tan-green. (R)	1.6'
26	MORRILL LIMESTONE	26 Limestone, gray, blocky, weathers light gray. (R)	0.4'
27		27 Shale, green, blocky, weathers green. *(R)	0.7'
28		28 Limestone, gray, blocky, weathers gray. *(R)	0.1'
29		29 Shale, green, blocky, weathers green. *(R)	1.1'
30		30 Shale, limy, gray, blocky, weathers light gray. *(R)	6.5'
31	FLORENA SHALE	31 Shale, limy, maroon, blocky, weathers maroon. *(R)	3.1'
32		32 Shale, limy, gray, blocky, weathers gray. *(R)	2.0'
33	BURR LIMESTONE	33 Limestone, shaly, gray, blocky, weathers light gray. *(R)	1.7'
34		34 Shale, gray, blocky, weathers gray green. *(R)	2.9'
35	LEGION SHALE	35 Limestone, gray, blocky, weathers light gray. (R)	1.5'
36		36 Shale, gray, blocky, weathers tan-gray. (R)	1.5'



SYMBOL	MEMBER	DESCRIPTION	THICKNESS
36	FLORENA SHALE	36 Shale, green, blocky, weathers tan-green. *(R)	0.3'
37		37 Limestone, gray, blocky, weathers light gray. *(R)	0.1'
38		38 Shale, green, blocky, weathers tan-green, limy. *(R)	1.0'
39		39 Limestone, gray, blocky, weathers light gray. *(R)	0.2'
40	COTTONWOOD LIMESTONE	40 Shale, limy, gray, blocky, weathers tan-green. *(R)	7.4'
41		41 Limestone, gray, massive to blocky, weathers light gray, contains scattered chert nodules. (R)	5.2'
42	ESKRIDGE SHALE	42 Shale, limy, green, blocky, weathers green. *(R)	3.5'
43		43 Shale, clayey, green, blocky, weathers gray-green. *(R)	3.6'
44		44 Shale, limy, light gray, blocky, weathers gray-green, may contain some thin maroon bands. *(R)	4.7'
45	NEVA LIMESTONE	45 Shale, green, blocky, weathers gray-green. *(R)	3.9'
46		46 Limestone, gray, blocky, weathers gray. *(R)	1.1'
47		47 Shale, limy, green, weathers gray-green. *(R)	1.2'
48		48 Shale, dark gray, blocky, weathers gray-green, maroon tint in lower part. *(R)	1.3'
49		49 Shale, maroon, blocky, weathers maroon *(R)	3.5'
50		50 Shale, dark gray, some maroon mottling, blocky, weathers gray. *(R)	0.9'
51	SALEM POINT SHALE	51 Shale, green, blocky, weathers green. *(R)	1.6'
52		52 Limestone, gray, slabby, weathers tan-gray to tan. (R)	7.5'
53	BURR LIMESTONE	53 Shale, limy, gray-green, platy, weathers tan-gray. *(R)	2.0'
54		54 Limestone, gray, blocky, weathers tan-gray. (R)	0.4'
55	GLENROCK LIMESTONE	55 Shale, green, blocky, weathers tan-green, abundant secondary calcite nodules throughout. *(R)	1.2'
56		56 Shale, gray, blocky, weathers light gray, clayey. *(R)	2.4'
57		57 Limestone, shaly, gray, blocky, weathers light gray. *(R)	1.3'
58	JOHNSON SHALE	58 Shale, limy, gray-green, platy to blocky, weathers tan-green, thin lensing, shaly limestone zone. *(R)	4.7'
59		59 Limestone, gray, blocky, weathers tan. (R)	2.4'
60	LEGION SHALE	60 Shale, dark gray, blocky, weathers tan-gray. (R)	0.7'
61		61 Limestone, gray, blocky, weathers tan-gray, produces "rimrock" like outcrop. (R)	5.0'
62			8.1'

SYMBOL	MEMBER	DESCRIPTION	THICKNESS
62	LEGION SHALE	62 Shale, limy, nodular, gray-green, weathers tan-green. *(R)	0.8'
63		63 Shale, gray-green, blocky, weathers tan-green. *(R)	3.0'
64	SALLYARDS LIMESTONE	64 Limestone, shaly, light gray, nodular weathers tan-gray. *(R)	0.3'
65		65 Shale, dark gray, blocky, weathers gray, limy. *(R)	2.3'
66	ROCA SHALE	66 Limestone, shaly, gray, blocky to slabby, weathers tan-gray. *(R)	2.4'
67		67 Shaly limestone, gray, blocky, light gray to tan, very irregular in thickness. *(R)	0.4'
68		68 Shale, green, blocky, weathers gray-green, limy. *(R)	4.4'
69		69 Shale, dark gray, blocky, weathers gray, limy. *(R)	1.1'
70		70 Shale, green, blocky, weathers green, limy. *(R)	0.8'
71		71 Shale, mottled, gray-green and maroon, blocky, weathers varicolored, limy. *(R)	4.0'
72		72 Shale, limy, gray, nodular and boxwork-like, weathers tan-gray, lensing and non-persistent. *(R)	0.6'
73		73 Shale, mottled, gray-green, and maroon, blocky, weathers varicolored, limy. *(R)	5.0'
74		74 Shale, limy, light gray, nodular and boxwork-like, weathers tan-gray, non-persistent and lensing, lower 0.4' may consist of irregular limestone zone. *(R)	1.2'
75		75 Shale, maroon and gray, blocky, weathers maroonish-gray. *(R)	1.9'
76	HOWE LIMESTONE	76 Shale, green, blocky, weathers green. *(R)	0.9'
77		77 Limestone, shaly, blocky to platy, light gray, weathers light gray, produces poor outcrop. (R)	1.8'
78	BENNETT SHALE	78 Shale, green, platy, weathers gray-green, contains some secondary limestone nodules. *(R)	4.3'
79		79 Sandstone, fine-grained rust-tan *(R)	2.6'
80	GLENROCK LIMESTONE	80 Shale, light green to light tan, platy, weathers light green and light tan, limy. *(R)	3.1'
81		81 Shale, limy, dark gray, platy, weathers gray. *(R)	4.9'
82	JOHNSON SHALE	82 Shale, dark gray, platy, weathers gray. *(R)	2.0'
83		83 Limestone, dark gray, blocky, weathers tan-gray. (R)	1.1'
84		84 Shale, gray-green, platy. (R)	0.1'
85		85 Limestone, limy, gray, blocky, weathers gray-green. (R)	0.4'

CONTINUED

NO.	DATE	REVISIONS	BY	APP'D
3				
2				
1				

STATE HIGHWAY COMMISSION OF KANSAS
GEOLOGICAL
PLAN AND PROFILE
POTTAWATOMIE COUNTY
PROJ. 16-75-S-1305 (2)

SHEET NO.	OF	SCALE	APP'D
DESIGNED	DETAILED	QUANTITIES	TRACED
DESIGN CK.	DETAIL CK.	QUAN. CK.	TRACE CK.