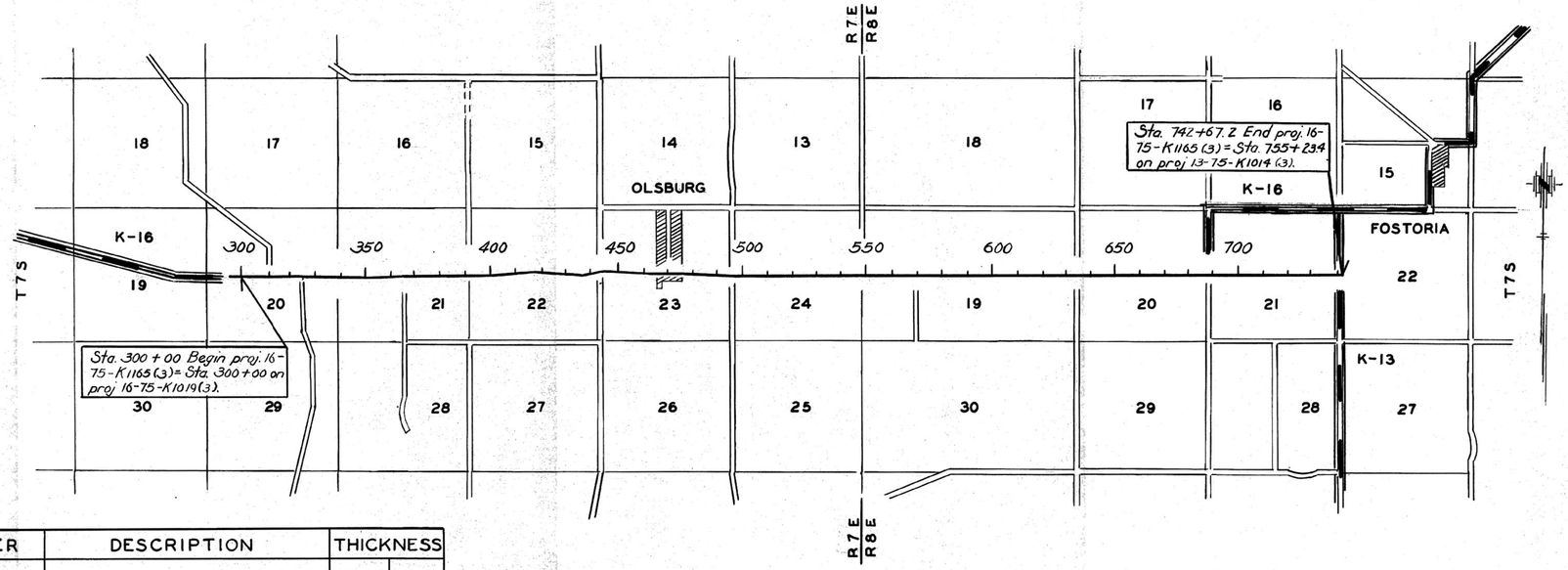
PUB. ROAD DIV. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	KANSAS		196		

SYMBOL	MEMBER	DESCRIPTION	THICKNESS	
1	SOIL MANTLE	1 Topsoil; dark gray-brown, silty clay (C)	0'-2.5'	
2		2 Alluvium; dark gray, silt and clay. (C)	0'-10'±	
3		3 Glacial sediments; brown to red-brown, sandy clay and silt, contains sand lenses, pebbles and boulders locally. (C)	0 - 30'	
4		4 Residual clay; tan-brown, contains limy nodules locally. (C)	0'-8'+	0'-35'+
5	TOWANDA LIMESTONE	5 Limestone; light gray, platy. (R)	15'+	
6		6 Shale; gray-brown, calcareous (R)*	0.4'-3.1'	
7		7 Limestone; light gray, platy. (R)	1.8'-8.7'	26.8'+
8	HOLMESVILLE SHALE	8 Shale; green, contains a lensing maroon band. (R) *	12.8'±	
9		9 Limestone; gray, impure, cellular, lensing. (R)	0.5'±	
10		10 Shale; light gray, very calcareous, blocky, may contain a thin limestone stringer. (R) *	9.5'±	22.8'±
11	FORT RILEY LIMESTONE	11 Limestone; light gray, shaly, platy (R)	7.2'±	
12		12 Limestone; light gray, blocky, dense, cellular. (R)	0.6'±	
13		13 Limestone; light gray, shaly, platy (R)	2.6'±	
14		14 Limestone; light gray, to buff, blocky, a variable zone, sometimes without horizontal partings, but generally contains several horizontal partings. (R)	5.1'±	
15		15 "Rimrock" limestone, very light gray, blocky. (R)	3.4'±	
16		16 Limestone, buff, shaly. (R)	4.0'±	22.9'±
17	OKETO SHALE	17 Shale; blue-gray, calcareous. (R) *	3.4'-8.5'	
18		18 Limestone; gray, shaly, contains scattered chert nodules. (R)	1.6'±	
19		19 Shale; blue-gray, calcareous. (R)*	2.9'-4.2'	7.9'-14.3'
20	FLORENCE LIMESTONE	20 Limestone; blue-gray, locally contains chert nodules. (R)	2.6'	
21		21 Shale; blue-gray, platy. (R) *	2.2'	
22		22 Limestone; blue-gray, contains chert bands. (R)	15'+	19.8'+

GEOLOGICAL COLUMNAR SECTION

Scale: 1" = 5'

* Common where weathered (See Cross Sections)



LOCATION MAP

SCALE 1" = 3000'

NO.	DATE	REVISIONS	BY	APP'D
3				
2				
1				

STATE HIGHWAY COMMISSION OF KANSAS

GEOLOGICAL PLAN & PROFILE

POTTAWATOMIE COUNTY

PROJ. 16-75-K1165(3)

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