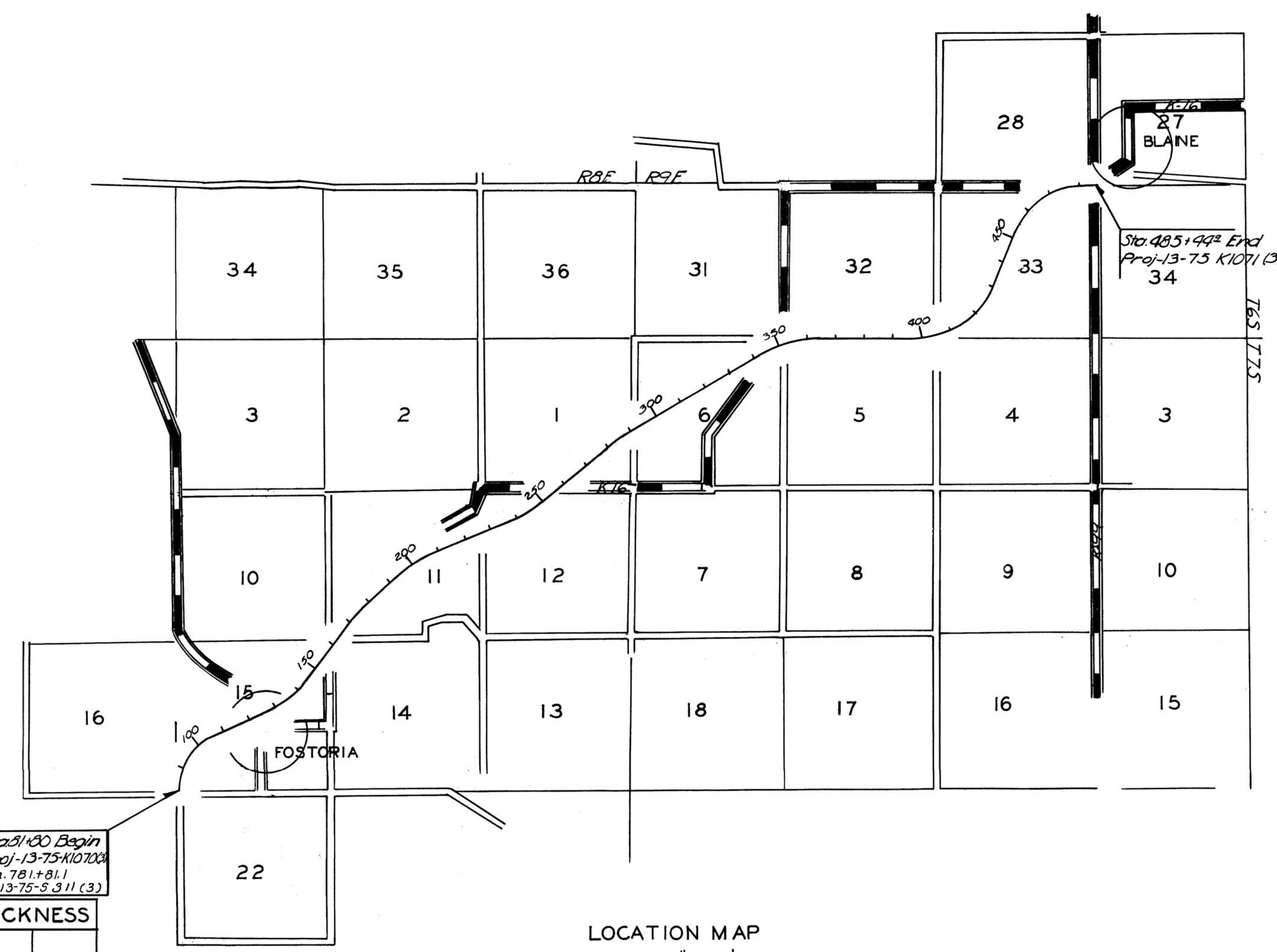


PUB. ROAD DIV. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	KANSAS		195		

SYMBOL	MEMBER	DESCRIPTION	THICKNESS	
	SOIL MANTLE	1C Top soil and silty clay, dark gray-brown.	0-2.0'±	
		2C Glacial sediments, tan brown to gray silty clay, contains bands of maroon and green, local deposits of chert gravel lenses, caliche zones and scattered erratics.	0-49'±	
	FORT RILEY LIMESTONE	3R Limestone, light gray, shaly, very platy.	7.3'±	
		4R Limestone, light gray, blocky, dense, cellular.	0.6'±	
		5R Limestone, light gray, shaly, platy.	2.6'±	
		6R Limestone, light gray to buff, blocky.	5.1'±	
		7R "Rim Rock" Limestone, very light gray, blocky.	3.4'±	
		8R Limestone, buff, shaly.	4.0'±	
		OKETO SHALE	9R Shale, blue-gray, limy.*	8.5'±
			10R Limestone, gray, shaly, scattered chert nodules.	1.6'±
	11R Shale, blue-gray, limy.*		4.2'±	
	FLORENCE LIMESTONE		12R Limestone, light gray, cherty.	2.6'±
		13R Shale, light gray, limy, platy.*	0.4'±	
		14R Shale, blue-gray, limy, platy.*	0.6'±	
		15R Shale, blue-gray, limy, platy.*	0.9'±	
		16R Limestone, light gray.	19.5'±	
	Blue Spr. Sh.	17R Shale, green, limy, platy.*	0.5'±	
		18R Limestone, light gray, weathers buff, blocky.	2.8'±	
			22.9'±	
			14.3'±	
			27.3'±	



SYMBOL	MEMBER	DESCRIPTION	THICKNESS
	BLUE SPRINGS SHALE	19R Shale, green, blocky.*	6.2'±
		20R Shale, maroon, limy, blocky.*	1.8'±
		21R Limestone, light green, shaly, porous.	0.3'±
		22R Limestone, maroon, shaly, weathers to blocky shale.*	2.0'±
		23R Shale, maroon with a thin green band, limy, blocky.*	2.8'±
		24R Shale, green, limy, blocky.*	0.9'±
		25R Shale, maroon, limy, blocky.*	3.3'±
		26R Shale, green, limy, blocky.*	2.8'±
		27R Limestone, light green, blocky, no horizontal partings when fresh.	1.6'±
		28R Limestone, light brown, blocky, aquifer.	2.2'±
	KINNEY LIMESTONE	29R Shale, dark gray, blocky, weathers platy, aquifer.*	14.5'±
		30R Limestone, light brown, blocky, lower 0.3' shaly.	0.6'±
		31R Shale, gray-green, blocky.*	1.3'±
		32R Limestone, light brown, blocky, variable.	0.6'±
			2.5'±

GEOLOGICAL COLUMNAR SECTION
Scale: 1"=5'
*Common where weathered (See cross sections)

3				
2				
1				
NO.	DATE	REVISIONS	BY	APP'D

STATE HIGHWAY COMMISSION OF KANSAS
GEOLOGICAL
PLAN AND PROFILE
POTTAWATOMIE CO.
PROJ. 13-75-K1071 (3)

SHEET NO. 1	of 8	SCALE	APP'D
DESIGNED		DETAILED	QUANTITIES
DESIGN CK.		DETAIL CK.	QUAN. CK.
			TRACED
			TRACE CK.