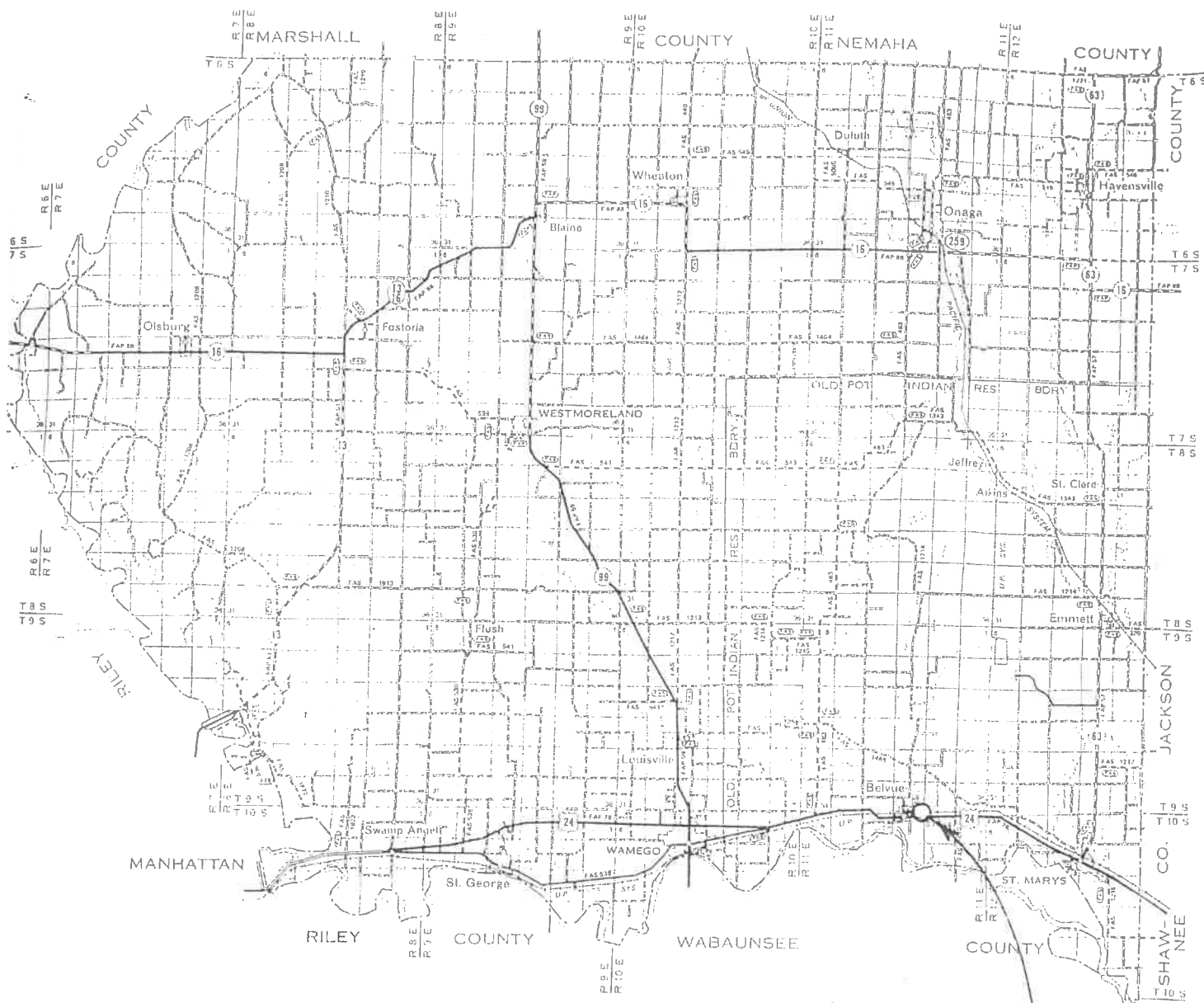




Repeat/duplicate

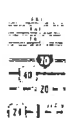
LEGEND

ROADS AND ROADWAY FEATURES

- PRIMITIVE ROAD
- UNIMPROVED ROAD
- GRADED AND DRAINED ROAD
- SOIL SURFACED ROAD
- GRAVEL OR STONE ROAD
- NOT GRADED OR DRAINED
- GRAVEL OR STONE ROAD
- GRADED AND DRAINED
- GRAVEL OR STONE ROAD WITH STABILIZED SURFACE
- BITUMINOUS ROAD-LOW TYPE
- PAVED ROAD
- DIVIDED HIGHWAY
- HIGHWAY WITH FULL CONTROL OF ACCESS AND INTERCHANGE

ROAD SYSTEM DESIGNATION

- FEDERAL AID INTERSTATE HIGHWAY SYSTEM
- FEDERAL AID PRIMARY HIGHWAY SYSTEM
- FEDERAL AID SECONDARY HIGHWAY SYSTEM
- INTERSTATE NUMBERED HIGHWAY
- U.S. NUMBERED HIGHWAY
- STATE HIGHWAY SYSTEM FOR STATE NUMBERED HIGHWAY
- U.S. CO. OR VETERAN SYSTEM OR MARKED ROUTE



FA SYSTEM REVISED TO D.C. 15, 1985

BRIDGE FOUNDATION GEOLOGY REPORT

24-75 K 2603-01

US-24 OVER LOST CREEK

BR. NO. 21.54, STATION 100+00

POTTAWATOMIE COUNTY

SE-SE-34-9-11E

0' to 80'

Wabaunsee Group

Pony Creek Member

DESCRIPTION	STA.
US-24 over Lost Creek	100+65, Lt. 20'

GEOLOGIST: Alex Rodriguez

BIT TYPE & NO.	GEOLOGIC NAME	GEOLOGIC COLUMN	GROUNDWATER ELEVATION	DEPTH	ELEVATION	GEOLOGIC DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION	STANDARD PENETRATION OR CASING DRIVE	
								BLOWS	ELEV.
						T.H. 961.7			
				5°	956.1	Silty clay, brown, with concrete blocks.	S. #1	4	952.2
						954.7 0.2 Qu.	S. #2	10	947.2
				18°	943.2	Silt, fine sand lenses, tan brown.	S. #3	15	945.7
						948.7 0.3 Qu.	S. #4		942.9
					940		shaly subc. samples		
						Sand, fine-med., tan			
					920				
				55°	906.7				
					900	Sand, coarse, scattered gravel			
					896.5				
							B.P.T. 75	896.3	
							S. #1	20.7 Qu.	891.1
							S. #2	23.5 Qu.	891.5
							S. #3	26.7 Qu.	885.7
							S. #4	31.4 Qu.	882.7
					880	Shale, silty, micaceous, ss. stringers dk. gray.	S. #5	12.7 Qu.	877.1
						Core #1, 66° - 71° (895.7 - 890.7)	(Core Samples)		
						Cut 5° Rec. 4°			
						R.Q.D.	62 %		
						Core Rec.	96 %		
					860	Core #2, 71° - 76° (890.7 - 885.7)			
						Cut 5° Rec. 5°			
						R.Q.D.	65 %		
						Core Rec.	100 %		
						Core #3, 76° - 81° (885.7 - 880.7)			
						Cut 5° Rec. 5°			
						R.Q.D.	90 %		
						Core Rec.	100 %		
						Core #4, 81° - 85° (880.7 - 876.7)			
						Cut 4° Rec. 4°			
						R.Q.D.	100 %		
						Core Rec.	100 %		