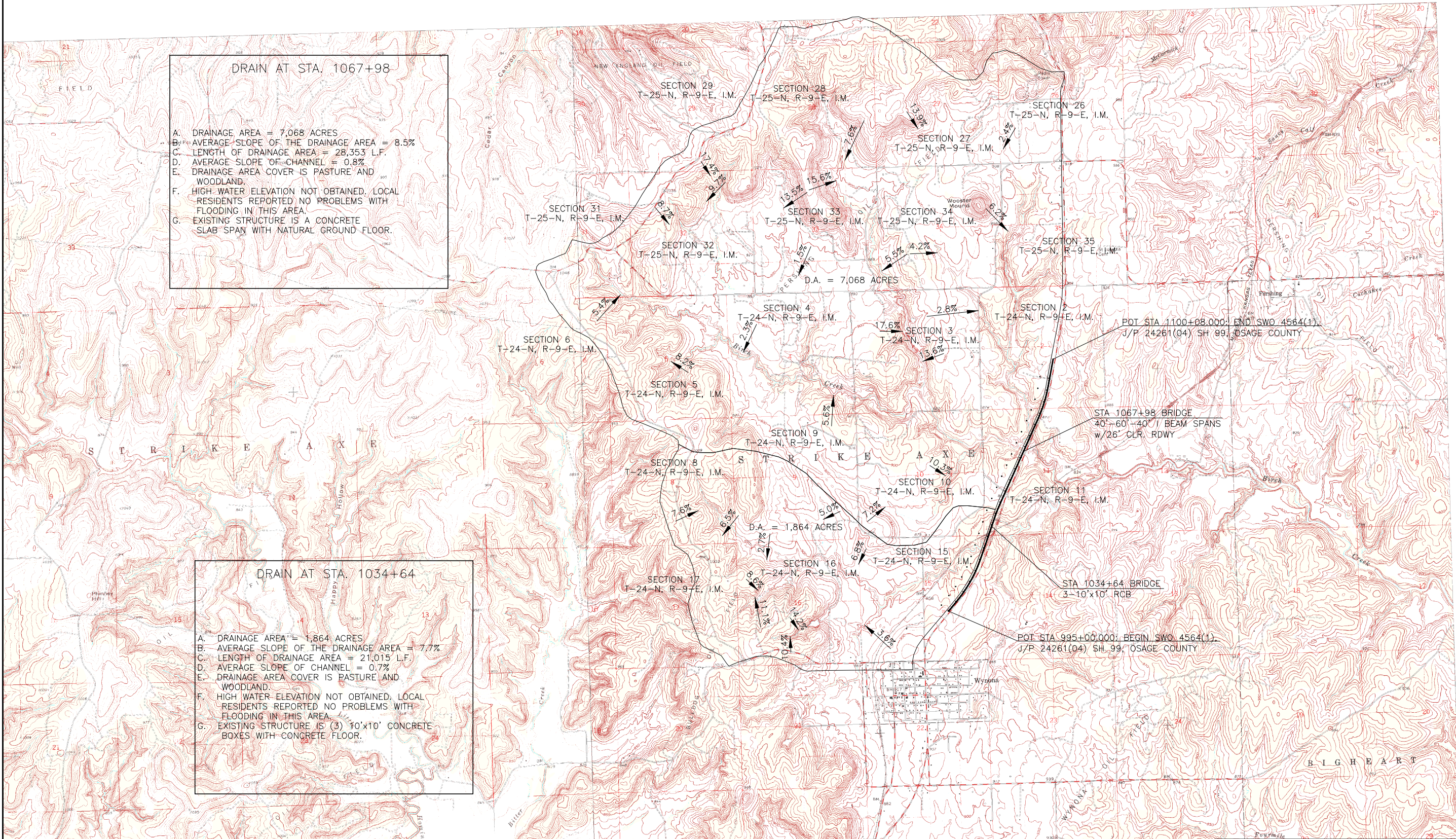


OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	OKLA.				
DESCRIPTION			REVISIONS		DATE

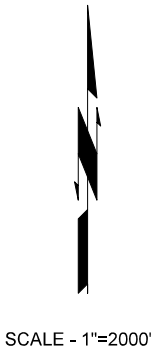


DRAIN AT STA. 1067+98

A. DRAINAGE AREA = 7,068 ACRES
 B. AVERAGE SLOPE OF THE DRAINAGE AREA = 8.5%
 C. LENGTH OF DRAINAGE AREA = 28,353 L.F.
 D. AVERAGE SLOPE OF CHANNEL = 0.8%
 E. DRAINAGE AREA COVER IS PASTURE AND WOODLAND.
 F. HIGH WATER ELEVATION NOT OBTAINED. LOCAL RESIDENTS REPORTED NO PROBLEMS WITH FLOODING IN THIS AREA.
 G. EXISTING STRUCTURE IS A CONCRETE SLAB SPAN WITH NATURAL GROUND FLOOR.

DRAIN AT STA. 1034+64

A. DRAINAGE AREA = 1,864 ACRES
 B. AVERAGE SLOPE OF THE DRAINAGE AREA = 7.7%
 C. LENGTH OF DRAINAGE AREA = 21,015 L.F.
 D. AVERAGE SLOPE OF CHANNEL = 0.7%
 E. DRAINAGE AREA COVER IS PASTURE AND WOODLAND.
 F. HIGH WATER ELEVATION NOT OBTAINED. LOCAL RESIDENTS REPORTED NO PROBLEMS WITH FLOODING IN THIS AREA.
 G. EXISTING STRUCTURE IS (3) 10'x10' CONCRETE BOXES WITH CONCRETE FLOOR.



DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION	
DRAWN		DESIGN DIVISION	
CHECKED		SH-99 OVER BIRCH CREEK	OSAGE COUNTY
APPROVED		DRAINAGE MAP	
SQUAD		STATE JOB NO. 24261(04) SHEET NO. 24	
		OSAGE CO.	SH-99