



DESIGN FLOOD
Q₅₀ = 4,750 cfs
NWS - Elev. 276.3

ELEVATION
D.A. = 7.9 Sq. Mi.

BASIC FLOOD
Q₁₀₀ = 4,950 cfs
NWS - Elev. 276.0

DATE REVISED	DATE REVISED	DATE REVISED	DATE REVISED	FED. ROAD NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				3	ARK.	F-015-1(31)		
						JOB NO.	7892	21 98
							5944	LAYOUT 24956

GENERAL NOTES

BENCH MARK: "□" CUT HUBRAIL, 6' RT. STA. 701+92, ELEV. 280.87.

CONSTRUCTION SPECIFICATIONS: ARKANSAS STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EDITION OF 1978 AND APPLICABLE SPECIAL PROVISIONS.

DESIGN SPECIFICATIONS: AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES 1977 WITH CURRENT INTERIM SPECIFICATIONS.

LIVE LOADING: HS20

METHOD OF DESIGN: LOAD FACTOR

DETAIL DRAWINGS: DRAWING NO.

BENTS	24956
SPANS	24957
EMBANKMENT CONSTRUCTION	1888A
PRECAST CONCRETE PILING	2383
SOIL BORINGS	11573
GUARD RAIL CONNECTION	GR-8A
TYPE C BRIDGE NAME PLATES	2389A
APPROACH SLABS & GUTTERS	1898J
DUMPED RIPRAP	1891F

CONCRETE PILING: PILING FOR BENTS 1 - 7 SHALL BE 16" OCT. GR 16" SQ. PRECAST CONCRETE AND SHALL BE DRIVEN WITH AN APPROVED AIR, STEAM, OR DIESEL HAMMER TO A MINIMUM BEARING CAPACITY OF 44 TONS PER PILE, AND TO A MINIMUM PENETRATION OF 20' BELOW NATURAL GROUND. LENGTHS OF PILING SHOWN ARE ASSUMED FOR ESTIMATING QUANTITIES ONLY. ACTUAL LENGTHS TO BE DETERMINED IN THE FIELD. DRIVE ONE 35" TEST PILE IN BENTS 2 AND 6. PILES IN END BENTS TO BE DRIVEN AFTER EMBANKMENT TO BOTTOM OF CAP IS IN PLACE. PILE SHAPES SHALL NOT BE MIXED ON ANY BRIDGE.

LAYOUT OF BRIDGE OVER
CHAMPAGNOLLE CREEK
OUACHITA CO. LINE - HWY 167
CALHOUN CO.
ROUTE 79 SEC. 5

ARKANSAS STATE HIGHWAY COMMISSION

LITTLE ROCK, ARK.

DRAWN BY: L.M. DATE: 2-24-81

CHECKED BY: D.H.P. DATE: 11-3-81

DESIGNED BY: DATE: 11-3-81

SCALE: 1" = 20'

BRIDGE NO. 5944

DRAWING NO. 24956

W. J. Dinkerton
DESIGN ENGINEER

