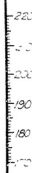




A. F. T600



DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. ROAD NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO		60829	11	34
				5868	LAYOUT	23502		

## GENERAL NOTES

BENCH MARK: SPIKE IN S.W. OF P.P. 50' LT. OF CENTERLINE AT STA. 63+50, ELEV. 207.39.

ALL CONCRETE SHALL BE Poured IN THE DRY.

ALL PILING SHALL BE 16" OCTAGONAL OR 16" SQUARE PRECAST CONCRETE DRIVEN WITH AN APPROVED AIR, STEAM, OR DIESEL HAMMER TO A BEARING CAPACITY OF 44 TONS AND TO A MINIMUM EMBEDMENT OF 20' BELOW NATURAL GROUND. PILE SPACINGS SHALL NOT BE FURTHER ON ANY BRIDGE.

LENGTHS OF PILING SHOWN ARE ASSUMED FOR ESTIMATING QUANTITIES ONLY. ACTUAL LENGTHS TO BE DETERMINED IN THE FIELD. DRIVE ONE 30' TEST PILE IN BENT 2. PILES IN END BENTS TO BE DRIVEN AFTER EMBANKMENT TO BOTTOM OF CAP IS IN PLACE.

FOR DETAILS OF END BENTS, SEE DWG. NO. 23623  
FOR DETAILS OF INTERMEDIATE BENTS, SEE DWG. NO. 23623  
FOR DETAILS OF PRECAST CONCRETE PILING, SEE DWG. NO. 23623  
FOR DETAILS OF R.C. SLAB SPANS, SEE DWG. NO. 23624

SPECIFICATIONS: ARKANSAS STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EDITION IF 1975, AND APPLICABLE SPECIAL PROVISIONS.

DESIGN SPECIFICATIONS: AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, 1977 EDITION AND INTERIM SPECIFICATIONS.

LIVE LOADING: H20

METHOD OF DESIGN: LOAD FACTOR

REMOVE THE EXISTING 34 FT. BRIDGE AT STA. 70+92. THE BRIDGE CONSISTS OF A TIMBER DECK ON TIMBER STRONGPIERS SUPPORTED BY TIMBER CAPS AND PILING. SEE SECTION 205 OF THE STANDARD SPECIFICATIONS. ALL MATERIALS FOR THE EXISTING BRIDGE SHALL BE OF THE SAME QUALITY AND IN THE SAME QUANTITIES AS THE EXISTING BRIDGE.

APPROXIMATE ELEVATION OF STA. 70+92 = 207.39. MINIMUM CLEAR ELEVATION TO TOP OF 205P. THE TEMPORARY BRIDGE SHALL BE A MINIMUM 30' LONG AND 20' WIDE. THE MINIMUM SPAN SHALL BE 10' LONG. THE BRIDGE SHALL BE OF A TYPE AND MATERIALS TO BE DETERMINED BY THE ENGINEER.

THE COMPRESSION CAPACITY OF THE PILING SHALL BE 44 TONS PER PILE.

LAYOUT OF  
BRIDGE OVER BIG DITCH  
SEATON-CULLER  
LONOKE COUNTY

ROUTE 381 SEC. 1  
ARKANSAS STATE HIGHWAY COMMISSION

DRAWN BY: E.R.W. DATE: 11-29-79  
CHECKED BY: SVA DATE: 1-29-79 SCALE: 1" = 20'-0"  
DESIGNED BY: DF DATE: 11-29-79

BRIDGE NO. 5868 DRAWING NO. 2352

Verde Pinkerton  
BRIDGE ENGINEER