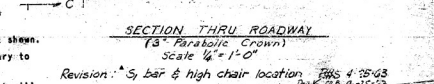
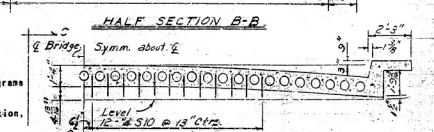
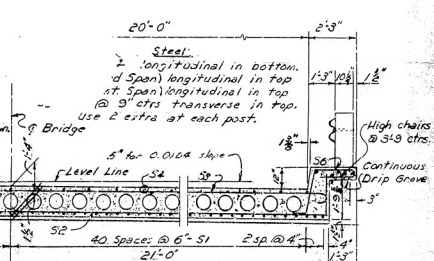
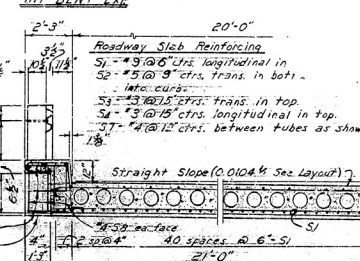
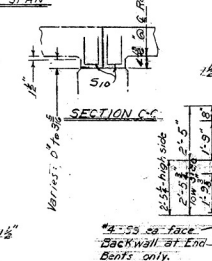
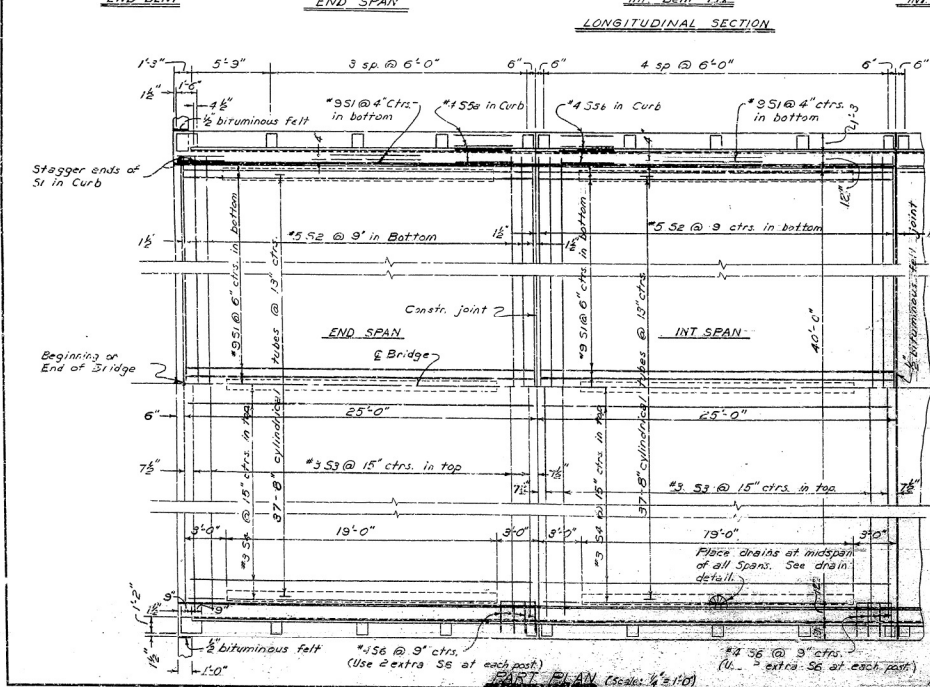
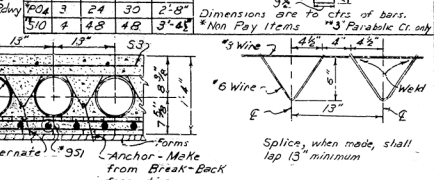
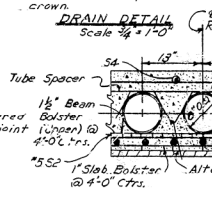
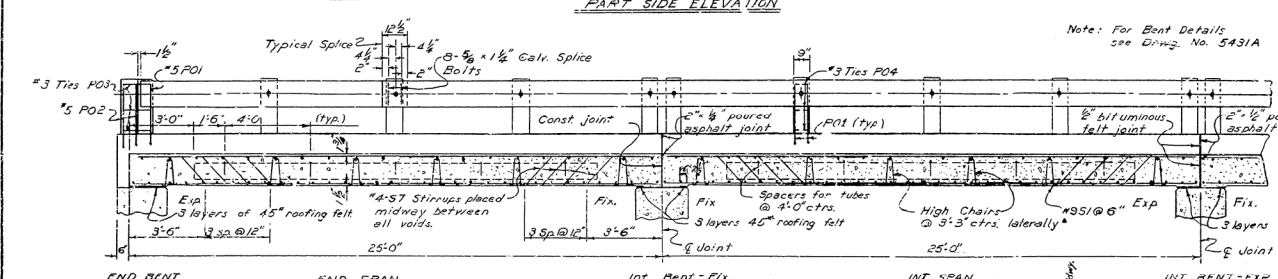


**BAR LIST PER SPAN**

Mix	Size	No. Reqd	Area	Length	Bending Diagram
			$\text{In}^2$	ft	
S1	9	85	85	24'7"	
S2	5	68	68	23'10"	
S3	4	40	40	21'10"	
S4	3	33	33	24'7"	
S5a	4	8	-	2'5"	
S5b	4	8	-	24'7"	
S6	4	89	89	6'6"	
S7	4	288	288	2'9"	
S8	4	12	-	2'2"	
S9	4	12	-	1'10"	
P01	5	19	20	5'0"	
P02	5	4	-	6'11"	
P03	3	6	-	4'7"	
P04	3	24	30	2'8"	
P10	4	48	48	3'4"	

Dimensions are to ctrs. of bars.  
 \* Non Pay Items      \* Payable Cr. only



GENERAL NOTES

All concrete to be Class 5. All exposed corners to be chamfered 3/8" unless otherwise noted.  
Reinforcing steel to be deformed bars of intermediate or hard grade. Shop lists and bending diagrams must be submitted upon approval secured before fabrication is begun.

All cylindrical tubes for form voids shall be of aluminum protected; laminated type construction, steel reinforcement and end caps furnished complete with all accessories and in full closure.

All reinforcing steel and fiber tubes shall be accurately located in the forms and firmly held in place by means of steel wire supports and spacers for tubes of a sufficient number and size to prevent displacement during the course of construction, but in no case of larger design than that shown. Wire supports for reinforcing bars will not be paid for directly, but will be considered subsidiary to the item "Reinforcing Steel".

Tubes for forming voids and wire supports and spacers for tubes will not be paid for directly, but will be considered subsidiary to the item "Class 5 Concrete".

Shop lists and diagrams of wire supports and spacers for tubes shall be submitted for approval before fabrication is begun.

Paving bed, bituminous felt, and poured asphalt jointite shall be measured and paid for as Class 5 Concrete.

Rail or Aluminum Plate Guard shall be of the type shown or an equivalent rigid type as approved by the Engineer. The rail, including all concrete posts and fastenings shall be paid for at the unit price bid per linear foot for Steel or Aluminum Plate Guard Bridge Railings.

SPECIFICATIONS FOR Arkansas State Highway Commission Standard Specifications for Highway Con. Section, Edition of 1950.

DESIGN SPECIFICATIONS: AASHO 1961

Design Life Loading: H20-S16 Special Interim Loading of two 25,000 lbs axles 8' on center.  
Load Distribution to Slab: Deck Load - 168 PSI; Live Load - 0.128 wheel/f' of width plus 20% impact.  
Unit Thicknesses:  
Deck - Class 5 Concrete (in=10) 1,700 psi  
Sidelining Slab 20,000 psi

Estimated Bidders List for Proposed Job: *[Handwritten signature]*

*[Stamp: RECORDED & INDEXED]*

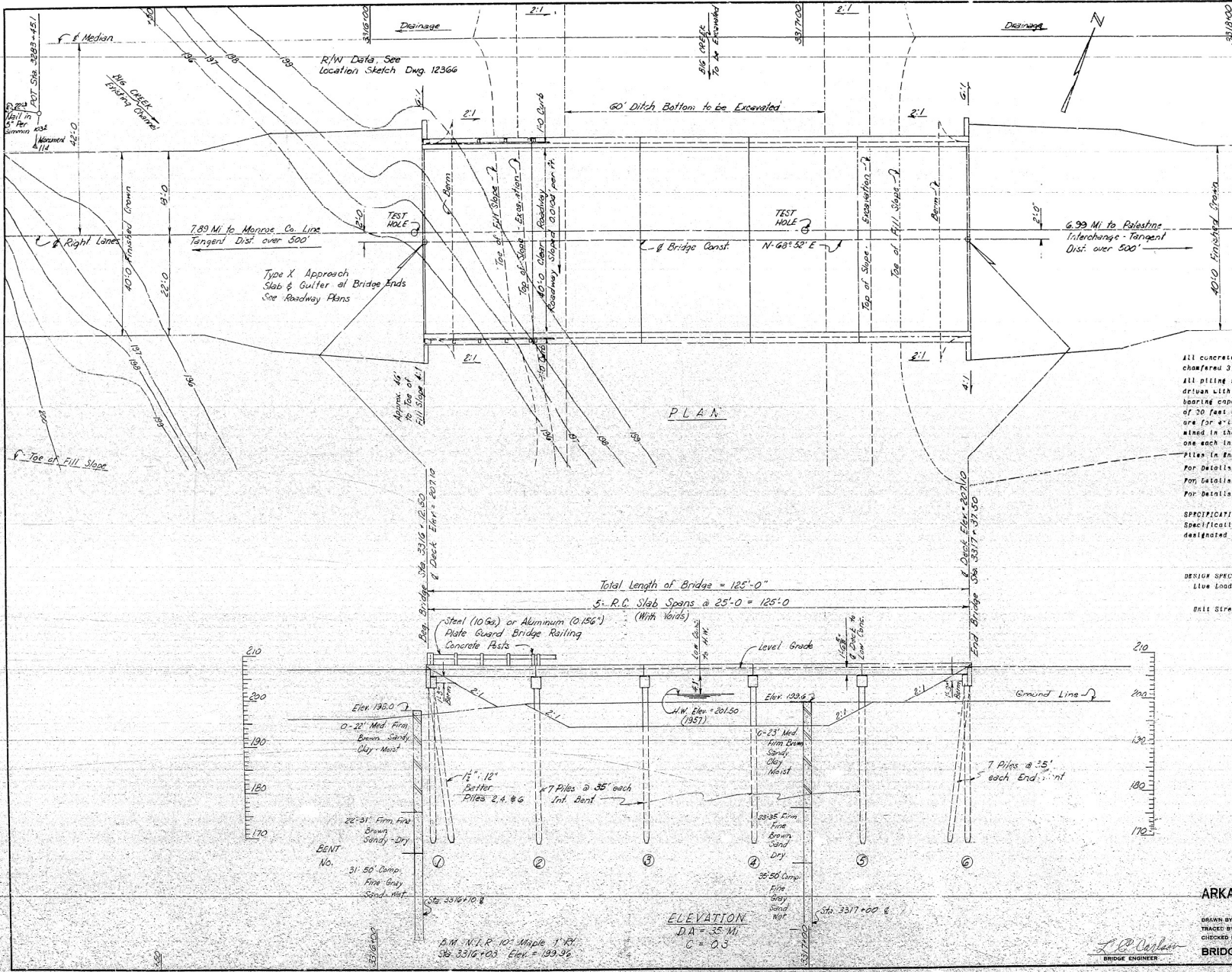
DETAILS OF STANDARD  
25'-0" R.C. SLAB SPANS (WITH VOIDS)

40'-0" CLEAR ROADWAY 2 CURBS at 1'-0"  
ROUTE SEC.  
ARKANSAS STATE HIGHWAY COMMISSION  
LITTLE ROCK, ARK.

DRAWN BY: JAS DATE: 4-24-52  
CHECKED BY: FRB DATE: 4-26-52 SCALE: 3/8" = 1'-0" or 1/2" = 1'-0"

**BRIDGE NO. DRAWING NO. 5432C2**

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	ARK.	1-30	1963	31	196
JOB NO.		11653			



**GENERAL NOTES**

All concrete to be poured in the dry. Exposed corners to be chamfered 3/4" unless otherwise noted.

All piling shall be 16" octagonal precast concrete and shall be driven with an approved air, steam or diesel hammer to a minimum bearing capacity of 36 tons per pile, and to a minimum penetration of 20 feet below original ground line. Lengths of piling shown are for estimating quantities only. Actual lengths to be determined in the field. Drive one 10' test pile in Bent No. 3 or 4; one each in bridges No. 37494 and 37495.

Piles in End Bents shall be driven after abutment is in place.

For Details of Bents see Det. No. 5431A.

For Details of R.C. Slab Spans see Det. No. 5429C.

For Details of Concrete Piling see Det. No. 2389.

**SPECIFICATIONS:** Arkansas State Highway Commission Standard Specifications for Highway Construction, Edition of 1959, and designated Special Provisions.

**DESIGN SPECIFICATIONS:** AASHTO 1961

**Live Loading:** HS20-S16 and Special Intermediate Loading of 2 - 24,000 lbs axles spaced 4'0" on center.

**Unit Stresses:** Class B Concrete (f<sub>c</sub>): 1,200 psi  
Reinforcing Steel: 20,000 psi

For Location Sketch See Layout Br. No. 3749A, Dwg. No. 12366

DOT Sta. 3339+32.0 Dk. 3340+36.0 And 1/4 Median

Nail in 10" W Oak

Nail in 7" W Oak