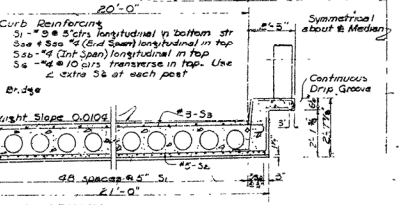
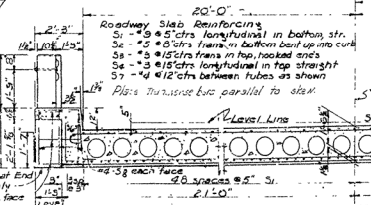
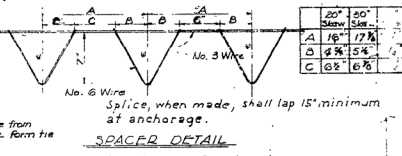
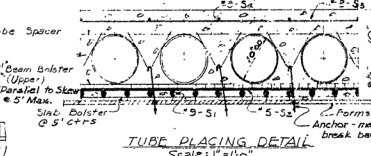
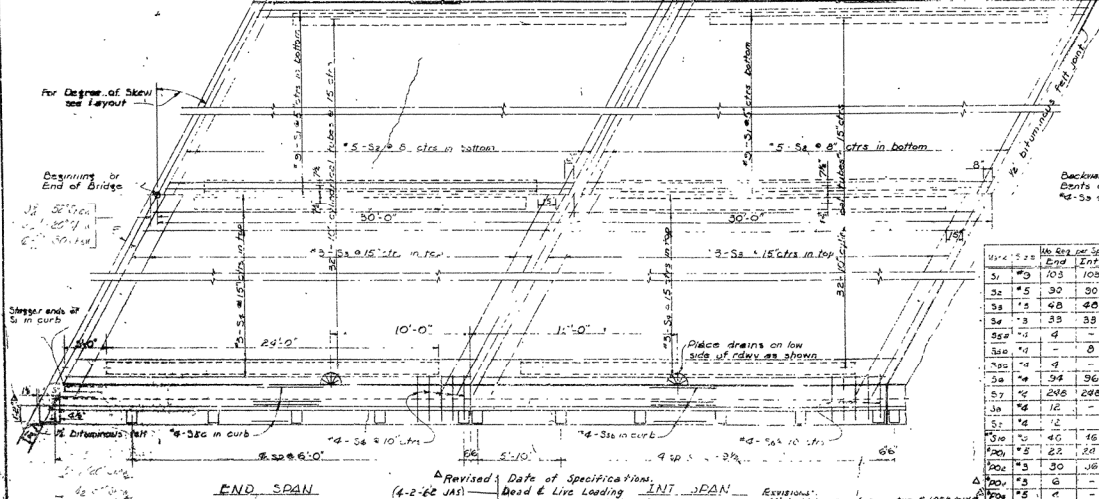
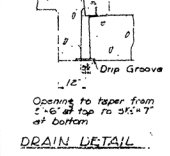
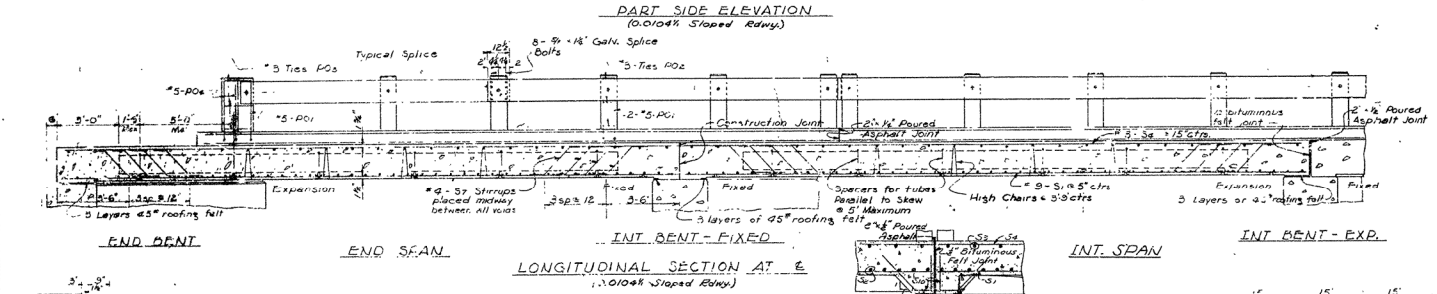
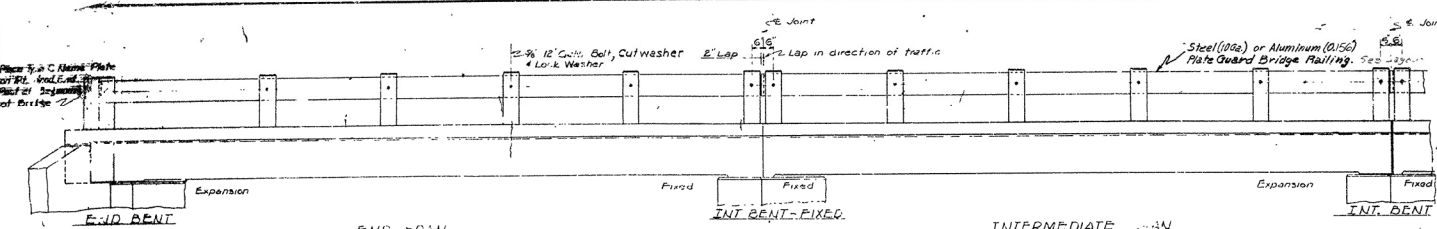


| FILE NO. | STATE | PROJECT NO. | SHEET NO. | TOTAL SHEETS |
|----------|-------|-------------|-----------|--------------|
| 6        | ARK.  | 100         | 33        | 131          |
| JOB NO.  |       |             |           |              |

**DESIGN SPECIFICATIONS**  
 Design Live Loading: AASHO HS-20  
 Load distribution to slab: 1.33  
 Unit Stresses: Class 5 Concrete (4x10) 20,000 psi  
 Reinforcing Steel: 60,000 psi

**GENERAL NOTES**  
 All concrete to be Class 5. All exposed corners to be chamfered unless otherwise noted.  
 Reinforcing steel to be deformed bars of intermediate or hard grade.  
 Shop lists and bending diagrams must be submitted and approved before fabrication is begun.  
 All cylindrical tubes used to form voids shall be laminated type non-plastic material.  
 All reinforcing steel and fiber tubes shall be accurately placed in the forms and firmly held in place by means of steel wire supports and spacers of sufficient size and number to prevent displacement during the course of construction, but in no case of lesser design than that shown.  
 Wire supports for reinforcing bars will not be paid for directly but will be considered subsidiary to the item of Reinforcing Steel.  
 Tubes for forming voids and wire supports and spacers for slabs will not be paid for directly but will be considered subsidiary to the item of Class 5 Concrete.  
 Shop lists and diagrams of wire supports and spacers for slabs shall be submitted for approval before fabrication is begun.  
 Roofing felt, bituminous felt and poured asphalt joints shall be measured and paid for as Class 5 Concrete.  
 Steel or Aluminum Plate Guard shall be of the type shown or an equivalent rigid type as approved by the Engineer. The rail for 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 railing.  
 SPECIFICATIONS: Arkansas State Highway Commission, Standard Specifications for Highway Construction adopted Dec. 5, 1929.



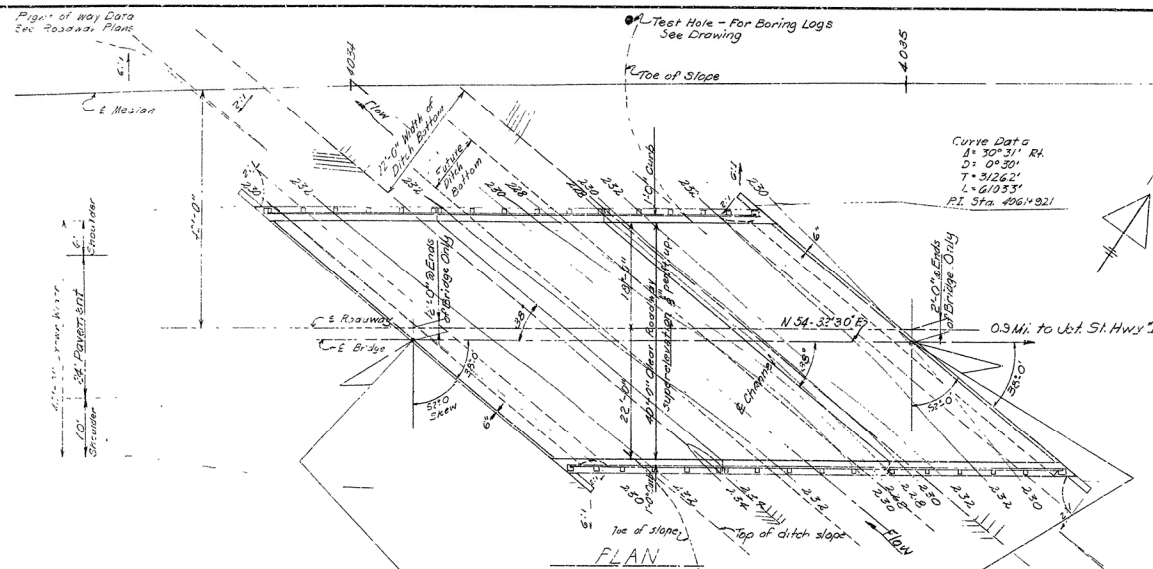
**BAR LIST PER SPAN**

| Span   | Bar No. | Bar Size | Length | Quantity | Notes |
|--------|---------|----------|--------|----------|-------|
| Span 1 | 1       | #4       | 25'-7" | 1        | Top   |
|        | 2       | #4       | 25'-7" | 1        | Top   |
|        | 3       | #4       | 25'-7" | 1        | Top   |
|        | 4       | #4       | 25'-7" | 1        | Top   |
|        | 5       | #4       | 25'-7" | 1        | Top   |
|        | 6       | #4       | 25'-7" | 1        | Top   |
|        | 7       | #4       | 25'-7" | 1        | Top   |
|        | 8       | #4       | 25'-7" | 1        | Top   |
|        | 9       | #4       | 25'-7" | 1        | Top   |
|        | 10      | #4       | 25'-7" | 1        | Top   |

**DETAILS OF STANDARD 30'-0" R.C. SLAB SPANS: (WITH 20'-0" OR 50' SKEW)**  
 40'-0" CLEAR ROADWAY 2 CURBS 1'-0"  
 ROUTE SEC.  
 ARKANSAS STATE HIGHWAY COMMISSION  
 LITTLE ROCK, ARK.  
 DRAWING NO. 3016

Revised Date of Specifications: 4-2-66 JAS  
 PART PLAN  
 Scale: 1/4"=1'-0"  
 Dead & Live Loading: INT. SPAN  
 Reinforcing Steel Grade: Bending of P.O. & P.O. Bars  
 End Posts: (0.01048 Sloped Eddy)

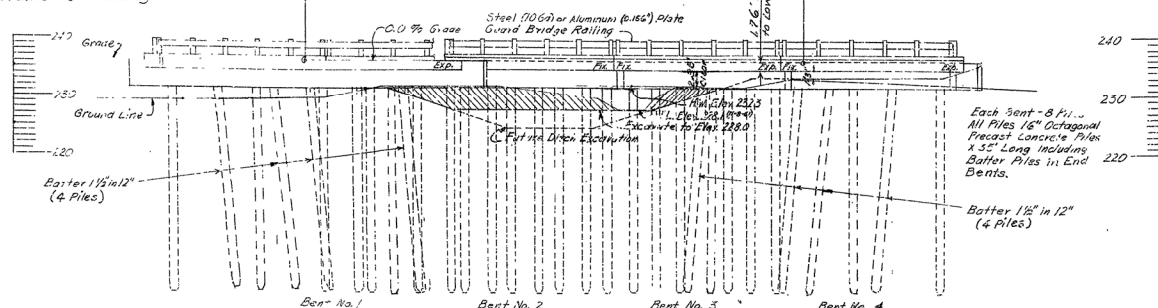
| NO.     | STATE | FEED NO. | PROJECT | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------|-------|----------|---------|-------------|-----------|--------------|
| 6       | ARK.  | 7-40-5   | 12/258  |             |           |              |
| JOB No. | 11666 | 46       | 131     |             |           |              |



**NOTE**  
The centerline of Bridge shall be built on a chord to a 3°30' curve through ends of Bridge.  
Curb and railing shall be built on an arc of a 0°30' curve.  
Substructure units shall be built on a 52° skew right forward to centerline chord.

**GENERAL NOTES**  
See Bridge No. 3617A, Drawing No. 12129 for General Notes, Location Sketch, Reference Points and Boring Logs.

For Type 'X' Approach Slab & Gutters, Both Ends - See Roadway Plans.



**ELEVATION**  
Drainage Area: 760 Acres C. & O.

T.B.M. - N. 9. Turn Highway  
116° 24' Sta. 4021+52  
Elev. 252.38

4034

Revision: Rebuilding 12-4-52 H.B. 12465

**(RIGHT LANES)  
LAYOUT OF BRIDGE  
OVER DRAINAGE DITCH  
BECKS ROAD - FORREST CITY**

ST. FRANCIS COUNTY  
INT. ROUTE 40 SEC. 5  
ARKANSAS STATE HIGHWAY COMMISSION  
LITTLE ROCK, ARK.

DRAWN BY: DATE: 12/12/51  
TRACED BY: DATE: 7-20-52  
CHECKED BY: M.G. DATE: 7-20-52  
BRIDGE NO. 36173 DRAWING NO. 12130

L.P. Clifton  
BRIDGE ENGINEER