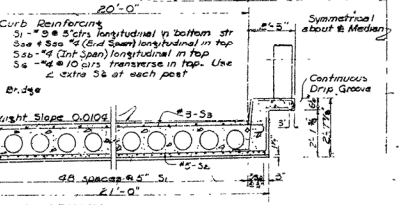
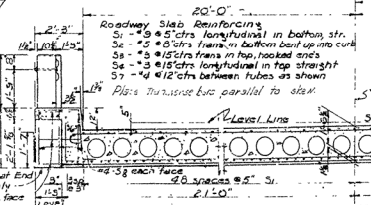
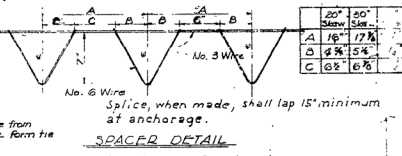
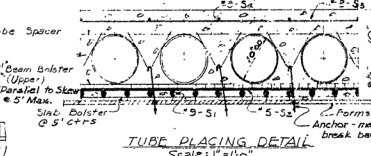
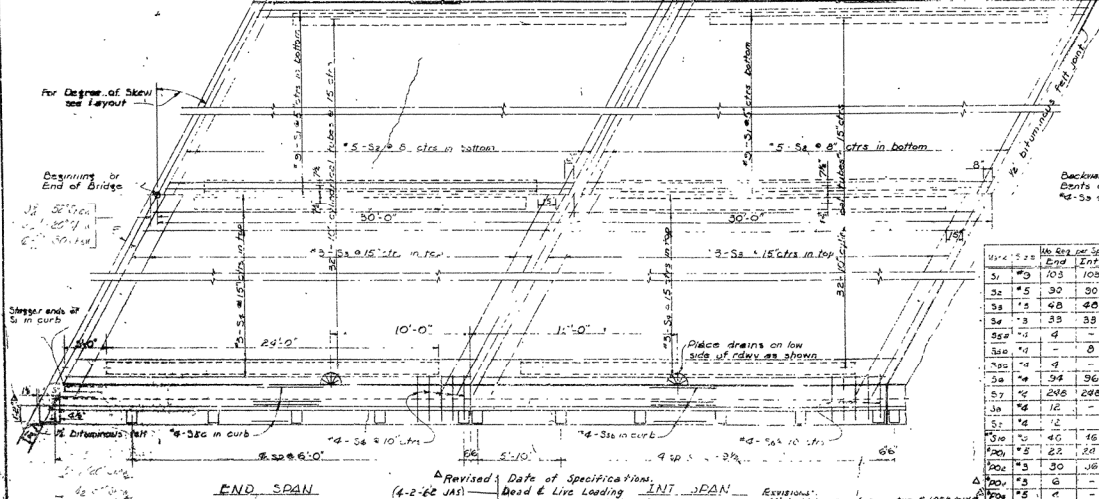
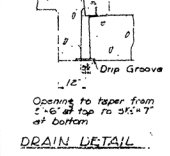
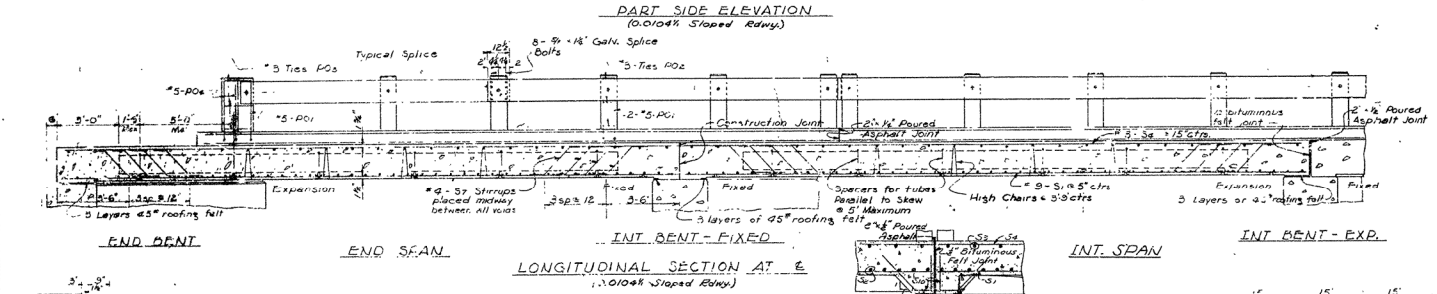
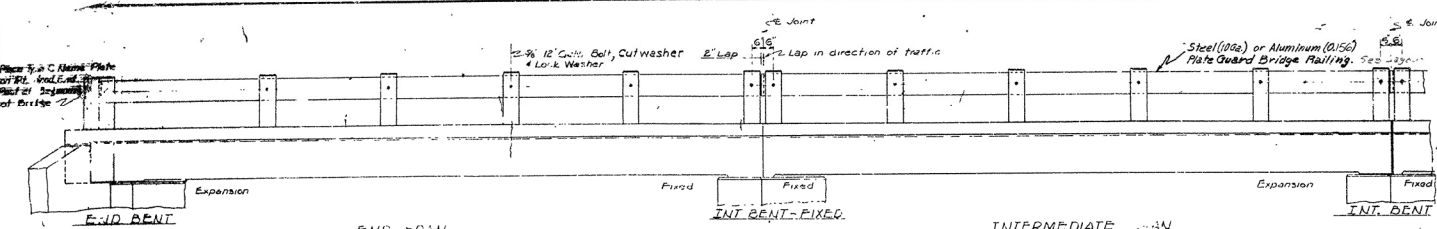


| FILE NO. | STATE | PROJECT NO. | SHEET NO. | TOTAL SHEETS |
|----------|-------|-------------|-----------|--------------|
| 6 | ARK. | 100 | 33 | 131 |
| JOB NO. | | | | |

DESIGN SPECIFICATIONS
 Design Live Loading: AASHO HS-20
 Load distribution to slab: 1.33
 Unit Stresses: Class 3 Concrete (4x10) 20,000 psi
 Reinforcing Steel: 60,000 psi

GENERAL NOTES
 All concrete to be Class 3. 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-collapse tubes.
 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 3 Concrete.
 Shop lists and bending 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 3 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.

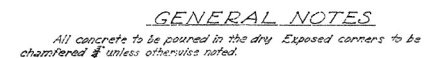


BAR LIST PER SPAN

| Span | Bar No. | Bar Size | Length (ft) | Remarks |
|--------|---------|----------|-------------|------------------|
| Span 1 | 1 | #4 | 10.0 | Top longitudinal |
| | 2 | #4 | 10.0 | Top longitudinal |
| | 3 | #4 | 10.0 | Top longitudinal |
| | 4 | #4 | 10.0 | Top longitudinal |
| | 5 | #4 | 10.0 | Top longitudinal |
| | 6 | #4 | 10.0 | Top longitudinal |
| | 7 | #4 | 10.0 | Top longitudinal |
| | 8 | #4 | 10.0 | Top longitudinal |
| | 9 | #4 | 10.0 | Top longitudinal |
| | 10 | #4 | 10.0 | Top longitudinal |

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
 Dead & Live Loading: INT. SPAN
 Reinforcing Steel Grade: Bending of P.O. & P.O. Bars
 End Posts: (0.01048 Sloped Eddy)



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 15 tons per pile and to a minimum penetration of 20 feet below the ground line. Lengths of piling shown are for estimating quantities only. Actual lengths to be determined in the field. Drive one test pile 60 feet long in Bent No. 2 and 3 each of Bridge 3614A and Bridge No. 3614B. Piles in End Bents shall be driven after embankment is in place.

Piles in End Bents shall be driven after embankment is in place.
For Details of Bents see Dwg. No. 12124
For Details of Precast Concrete Piles see Dwg. No. 2382.
For Details of R.C. Slab Spans see Dwg. No. 5421 D except shown angle
is opposite hand.
For Location Map see Dwg. No. 12122

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

DESIGN SPECIFICATIONS: A.A.S.H.O. 1961
 Live Load: 4" x 8" and Special Interstate Loading of 2 - 24,000*
 axles spaced 4'-0" on centers.
 Unit Stresses: Class A Concrete ($n=15$) 840 p.s.i.
 Class S Concrete ($n=10$) 1200 p.s.i.
 Reinforcing Steel 20,000 p.s.i.

(RIGHT LANES)
LAYOUT OF BRIDGE
OVER SPRING CREEK
BECKS ROAD - FORREST CITY

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

DRAWN BY: AJT DATE: 12-13-61
 TRACED BY: _____ DATE: _____ SCALE: 1" = 10'
 CHECKED BY: W.G. DATE: 7-20-62
 BRIDGE NO. 3614 B DRAWING NO. 12123