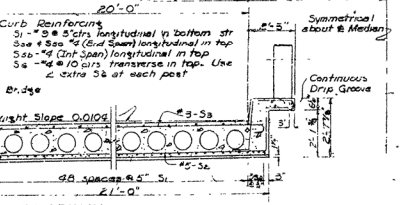
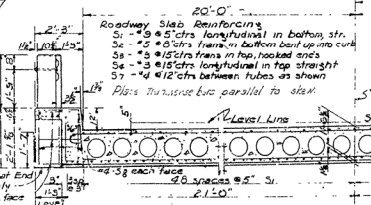
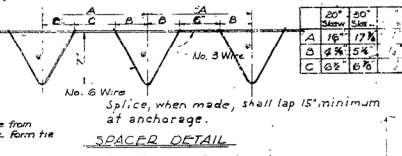
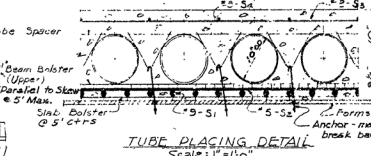
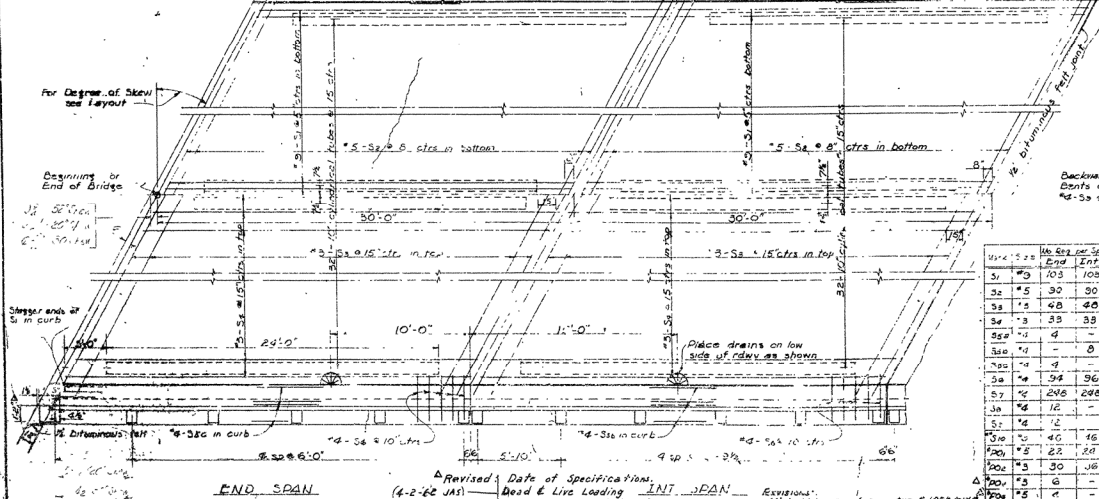
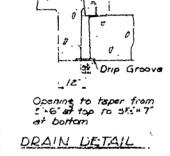
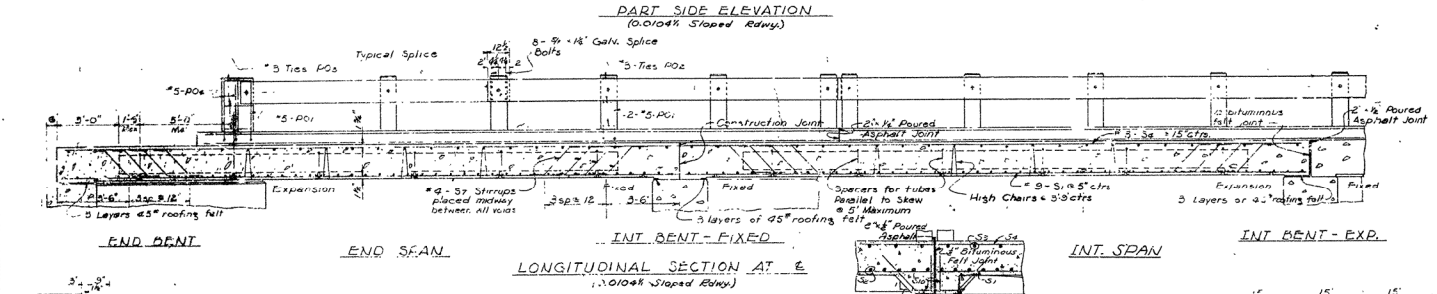
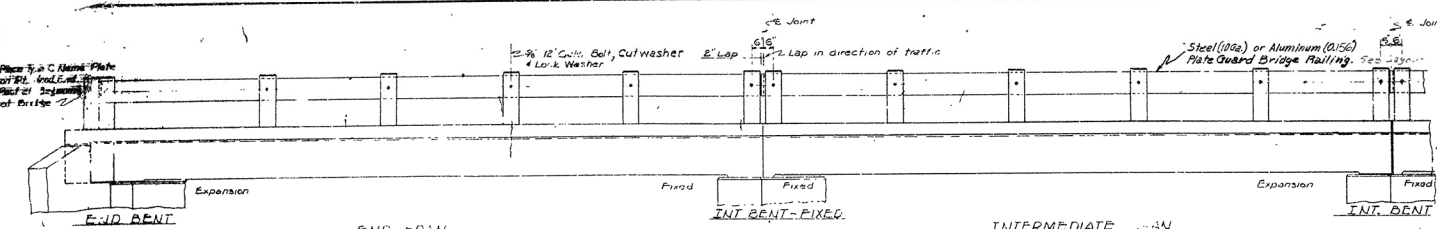


FILE NO.	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
6	ARK.	100	33	131
JOB NO.				

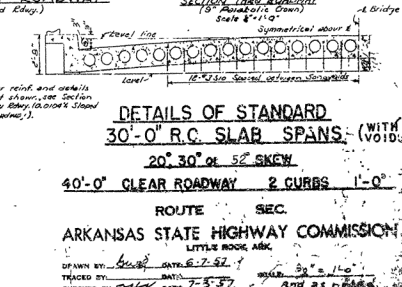
DESIGN SPECIFICATIONS
 Design Live Loading: AASHO HS-20
 Load distribution to slab: 1.33
 Unit Stresses: Class 3 Concrete (4x10) 20,000 psi
 Reinforcing Steel: 60,000 psi

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 constructed in place.
 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	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



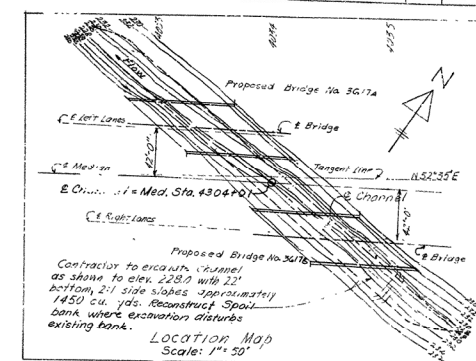
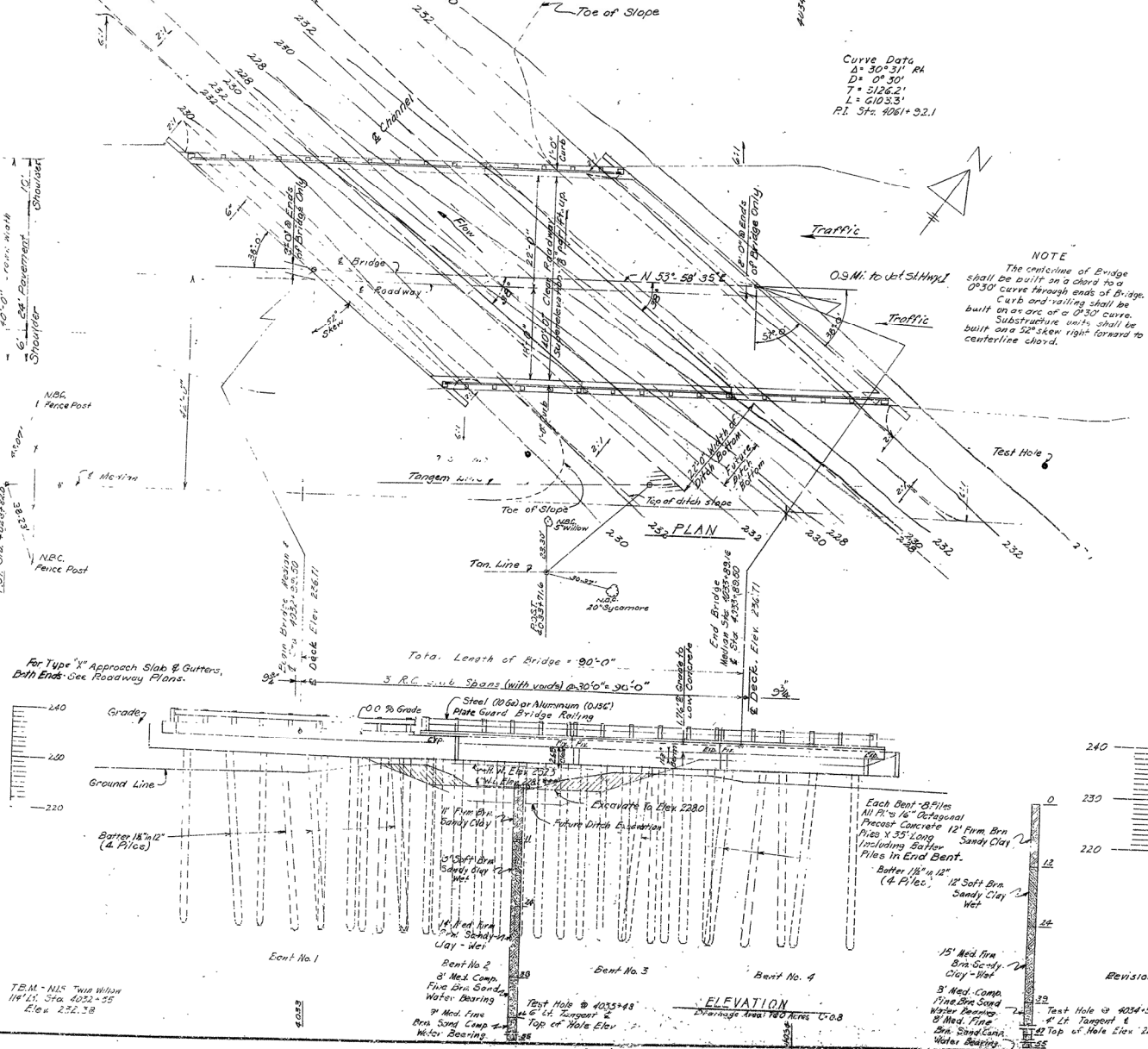
ROUTE SEC. ARKANSAS STATE HIGHWAY COMMISSION
 LITTLE ROCK, ARK.

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)

Revisions: 1. Aug. 5, 1939 added 2. Aug. 5, 1939 added 3. Aug. 5, 1939 added 4. Aug. 5, 1939 added 5. Aug. 5, 1939 added 6. Aug. 5, 1939 added 7. Aug. 5, 1939 added 8. Aug. 5, 1939 added 9. Aug. 5, 1939 added 10. Aug. 5, 1939 added

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	ARK.	2-1-3	1966	45	131
JOB NO.		11666 45 131			

Right of Way Data
See Roadway Plans



Contractor to excavate channel as shown to elev. 228.0 with 2:1 bottom 2:1 side slopes. Approximately 1450 cu. yds. Reconstruct spoil bank where excavation disturbs existing bank.

LOCATION MAP
Scale: 1"=50'

GENERAL NOTES
1. Concrete to be poured in place. Expansion joints to be constructed 1/4" unless otherwise noted.

2. All piling shall be 16" octagonal piles, 40' long, and shall be driven with an approved air, steam, or diesel hammer, to a minimum driving capacity of 36 tons per pile, and to a minimum penetration of 20 feet below the ground line. Lengths of piling shown are assumed not exceeding quantities only. Actual lengths to be determined in the field. Drive one 40' test pile in Bent No. 2 or 3, and in Bridge No. 3617A and Bridge No. 3617B. 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. Span Spans see Dwg. No. 5431D, except skew angle is opposite hand.

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

DESIGN SPECIFICATIONS: AASHTO 1961 Live Loading: H20-44 and Special Interim Loading of 2-2000' axle spaced FUD on center.

Unit Stresses: Class 3 Concrete (f'c=10) 1800 psi; Reinforcing Steel 20000 psi.

(LEFT 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.

Revisions: Eiling 12-1-62 H.B. 2443 NG
BRIDGE NO. 3617A DRAWING NO. 12125