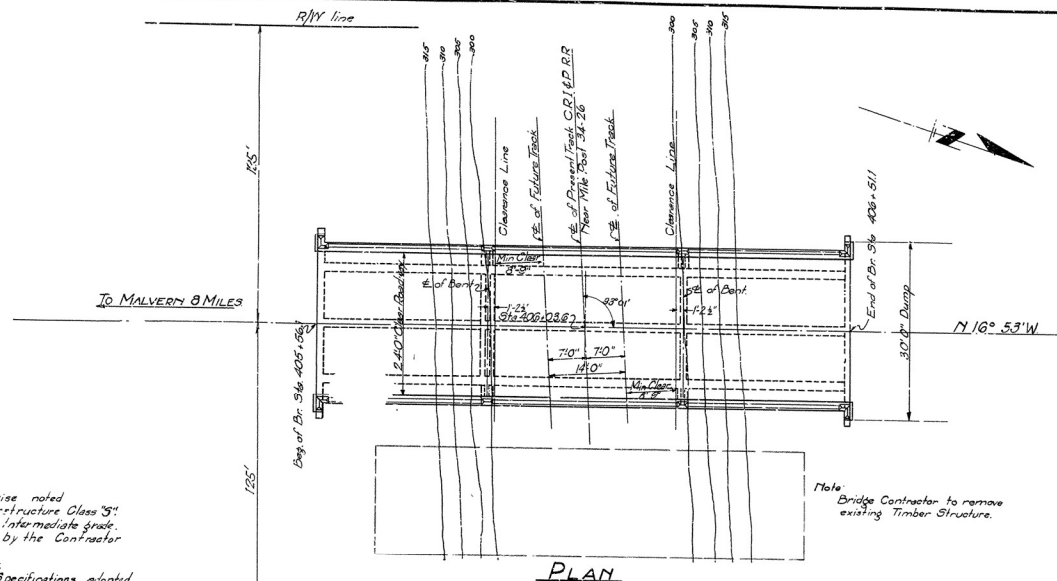


279

FISCAL YEAR	Job No.	SHEET TOTAL
1930	692	13 27

FED. ROAD DIST. NO.	STATE	FED. AID DIST. NO.	FISCAL YEAR	SHEET TOTAL
8	ARK.	2628	1930	13 27

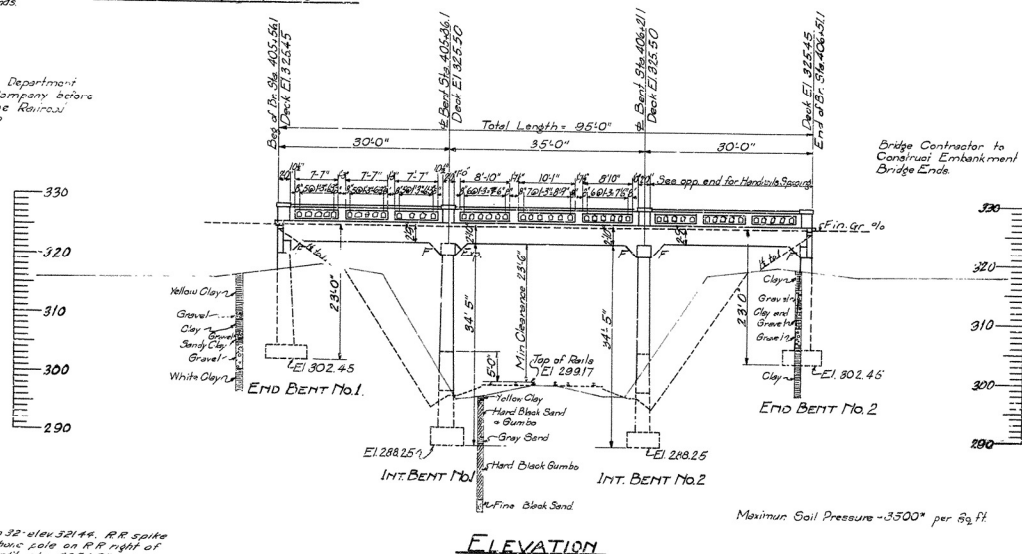


### GENERAL NOTES

All exposed corners to be chamfered 3" unless otherwise noted.  
 All concrete in Substructure to be Class "A" in Superstructure Class "B".  
 Reinforcing Steel to be deformed bars of Structural or Intermediate grade.  
 Shop List and Bending Diagrams must be submitted by the Contractor before construction is begun.  
 Concrete in substructure to be poured in the dry.  
 Specification: Arkansas Standard Road and Bridge Specifications adopted May 30, 1925 and Revised.  
 Bridge Contractor to remove existing timber structure.  
 Bridge Contractor to construct embankment at Bridge Ends.  
 For details of 30' R.C.D. Girder See Drawg. No. 2313  
 " " " " " " " " 2314  
 " " " " " " " " 2361  
 " " " " " " " " 2870  
 " " " " " " " " 2881  
 Contractor must submit details of falsework to the Highway Department for approval. On the Highway Department and the Railroad Company before construction is begun. Contractor must also furnish to the Railroad Company an Indemnity Bond in the amount of \$10,000.00.

### QUANTITIES

Item	Qty	Unit	Amount
12 Common Excavation	545	Cu Yds	
13 Dry Excavation	250	"	
14 Class "B" Concrete	193.32	"	
15 " " " "	110.07	"	
55 Reinforcing Steel	519.50	Lbs	
74 Concrete Paving	192'-5"	Lin Ft	



### ELEVATION

BM No 32 elev 321.44. RR spike in telephone pole on R/R right of way 150' left sta. 405+60.

LAYOUT  
 OVERHEAD CROSSLINGS OVER C.R. & P.R.R.  
 BENTON-MALVERN RD.  
 HOT SPRING COUNTY,  
 ROUTE 67 SEC. 8

ARKANSAS STATE HIGHWAY COMMISSION

LITTLE ROCK, ARK.  
 Drawn By: *LB* Date: 8-22-30  
 Traced By: *CMY* Date: 2-26-30  
 Checked By: *WZ* Date: 2-20-30  
 Bridge No. 1435. DRAWING No. 2869

*H.S. Lauer*  
 BRIDGE ENGINEER

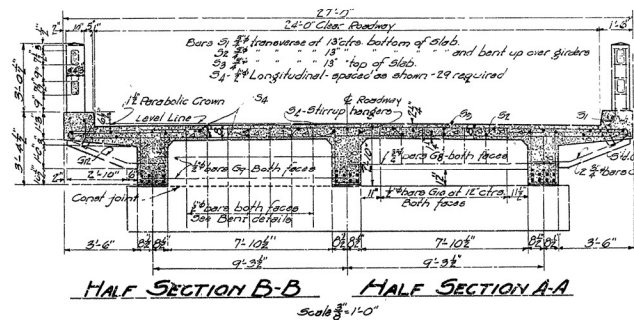
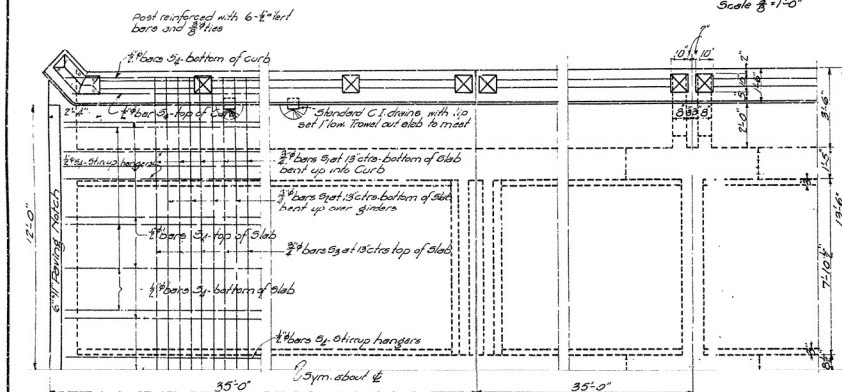
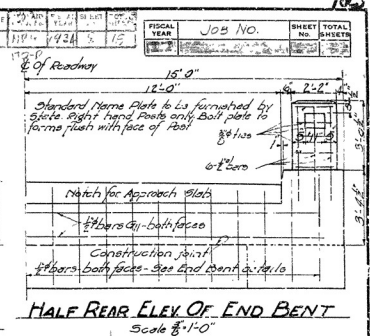
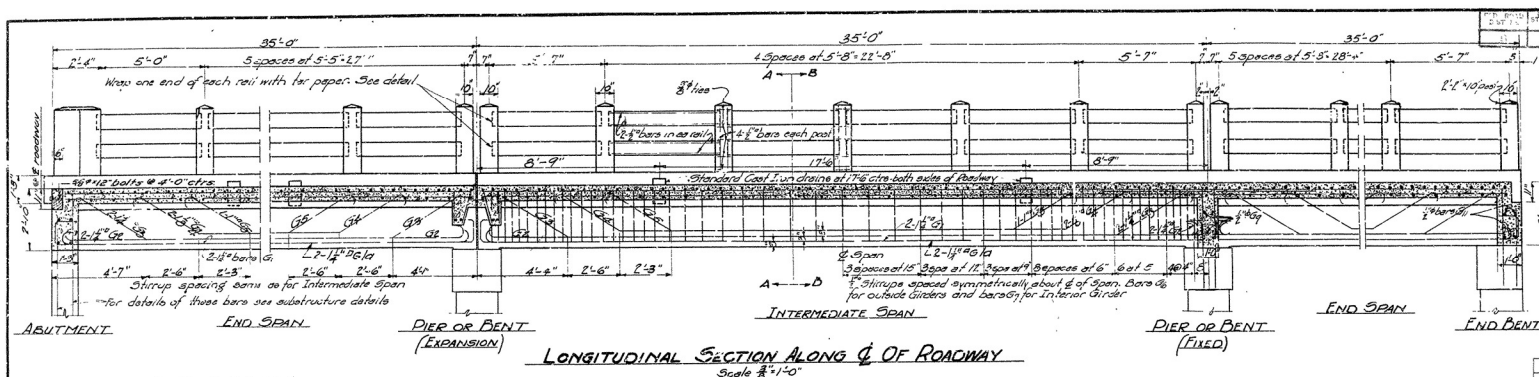
General Notes  
 All exposed corners to have 1/2" x 1/4" x 1/4" Min. Max aggregate 3/8"  
 Reinforcing steel to be deformed bars of structural or  
 Intermediate grade steel. All reinforcement and equipment must  
 be submitted by the Contractor before fabrication is begun.  
 Roadway Ditches and Expansion Devices to be paid for at  
 Unit price bid above top of Point Gage, except handrails to be C/S.  
 All Concrete to be poured in the dry.  
 Specifications for 14' x 24' x 3' Bridge specifications  
 adopted May 30, 1953 and revised  
 for 14,000 lbs. to 20,000 lbs. n=15  
 All dimensions shown are center to center. n=15

**DETAILS OF  
 STANDARD 30'-0" R.C.D.G.  
 3 GIRDER TYPE  
 24'-0" CLEAR ROADWAY**

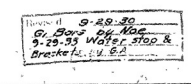
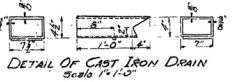
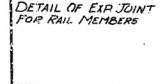
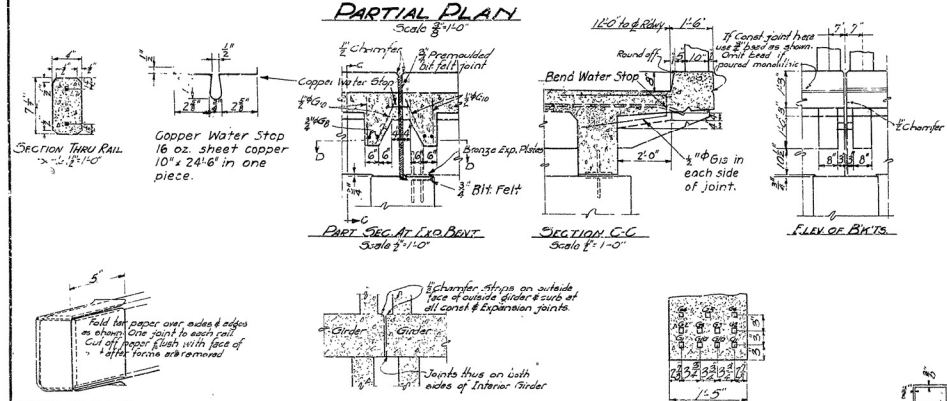
**ARKANSAS STATE HIGHWAY DEPARTMENT  
 LITTLE ROCK, ARK.**

Drawn By: James H. Bess  
 Traced By: James H. Bess  
 Checked By: \_\_\_\_\_ Date: \_\_\_\_\_  
 Scale: in. = ft.

**BRIDGE NO. 1091** **DRAWING NO. 23/3**



MAX. LENGTH	BENDING DIAGRAM
17'-0"	25'-0"
22'-2"	26'-6"
27'-6"	26'-6"
38'-8"	34'-2" @ 1/2
36'-7"	34'-2" @ 1/2
30'-5"	20' @ 1/2
30'-2"	19' @ 1/2
23'-8"	17' @ 1/2
36'-8"	20' @ 1/2
29'-8"	17' @ 1/2
25'-8"	17' @ 1/2



General Notes:  
 All exposed corners to have 1/2" chamfer unless otherwise noted.  
 Principal concrete for roadway to be 17.5 m. strength.  
 Reinforcing steel to be deformed bars of structural or  
 Intermediate Grade. Shop List and Bending Diagrams must  
 be submitted by the Contractor before construction is begun.  
 Rebar Diagrams and Expansion Details to be paid for at  
 unit price bid for reinforcing steel.  
 Specifications for Bridge and Bridge specifications  
 adopted May 30, 1955 and revised.  
 Unit stresses: 16,100,000; 16,100,000; 16,100,000.  
 All dimensions shown are center to center of cast.

DETAILS OF  
 STANDARD 35" ORC DECK GIRDER  
 3 GIRDER TYPE  
 24'-0" CLEAR ROADWAY  
 ARKANSAS STATE HIGHWAY COMMISSION  
 LITTLE ROCK, ARK.  
 Drawn By: [Signature] Date: 2-26-59  
 Traced By: [Signature] Date: 2-26-59  
 Checked By: [Signature] Date: 2-26-59  
 Bridge No. 1487 DRAWING NO. 2314