

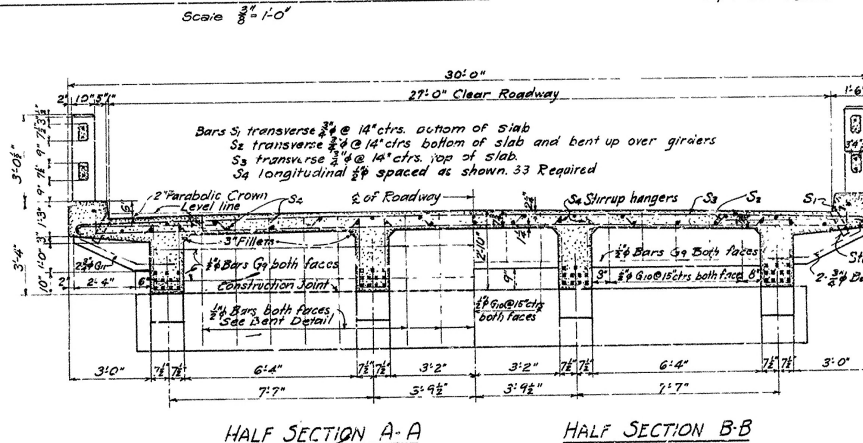
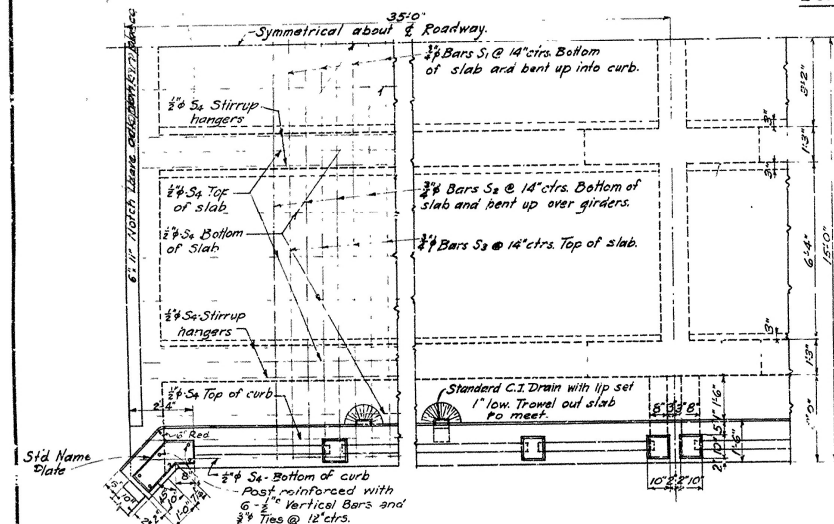
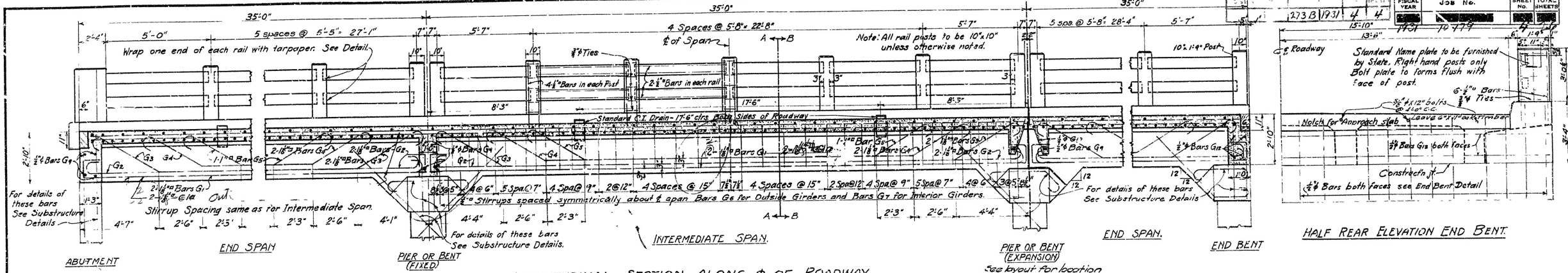
DETAILS OF ABUTMENTS  
BRIDGE AT STA. 495+63  
LITTLE MISSOURI RIVER RELIEF  
CLARK COUNTY

ROUTE 67 SEC. 4  
ARKANSAS STATE HIGHWAY DEPARTMENT  
LITTLE ROCK, ARK.

Drawn By: E.A.W. Date: 2-10-30  
Traced By: C.W.C. Date: 2-20-30  
Checked By: \_\_\_\_\_ Date: \_\_\_\_\_

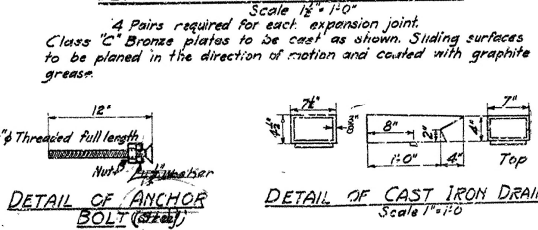
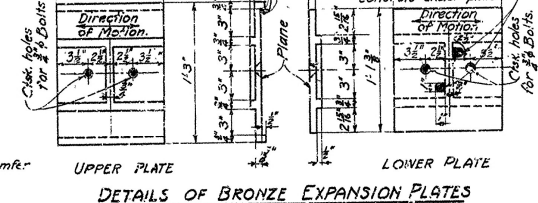
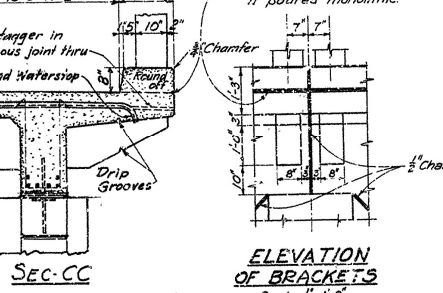
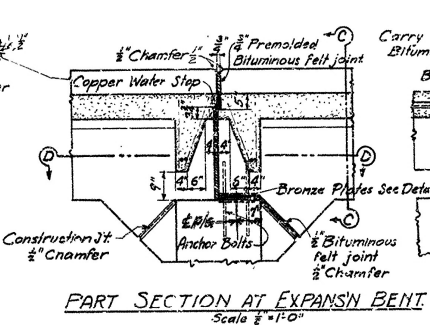
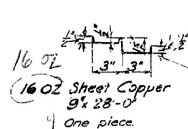
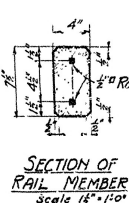
BRIDGE NO. 1386 DRAWING NO. 2608

M.B. Carver  
BRIDGE ENGINEER



			BENDING DIAGRAM			
MARK	SIZE	LENGTH				
S <sub>1</sub>	$\frac{3}{8}$ "	30'-0"	28'-0"			
S <sub>2</sub>	$\frac{3}{8}$ "	31'-5"	29'-5"			
S <sub>3</sub>	$\frac{3}{8}$ "	30'-6"	29'-6"			
G <sub>1</sub>	$\frac{1}{4}$ "	36'-8"	36'-8"			
G <sub>1a</sub>	$\frac{1}{4}$ "	36'-2"	34'-8"			
G <sub>2</sub>	$\frac{1}{4}$ "	35'-8"	35'-8"			
G <sub>3</sub>	$\frac{1}{4}$ "	36'-8"	36'-8"			
G <sub>4</sub>	$\frac{1}{4}$ "	30'-2"	30'-2"			
G <sub>5</sub>	$\frac{1}{4}$ "	25'-8"	25'-8"			
G <sub>6</sub>	$\frac{1}{4}$ "	36'-2"	36'-2"			
G <sub>7</sub>	$\frac{1}{4}$ "	20'-8"	20'-8"			
G <sub>8</sub>	$\frac{1}{4}$ "	25'-2"	25'-2"			
G <sub>9</sub>	$\frac{1}{4}$ "	6'-5"	6'-5"			
G <sub>10</sub>	$\frac{1}{4}$ "	6'-7"	6'-7"			
G <sub>11</sub>	$\frac{3}{8}$ "	9'-6"	9'-6"			

\*Single span.  
(Two notches for approach slabs)

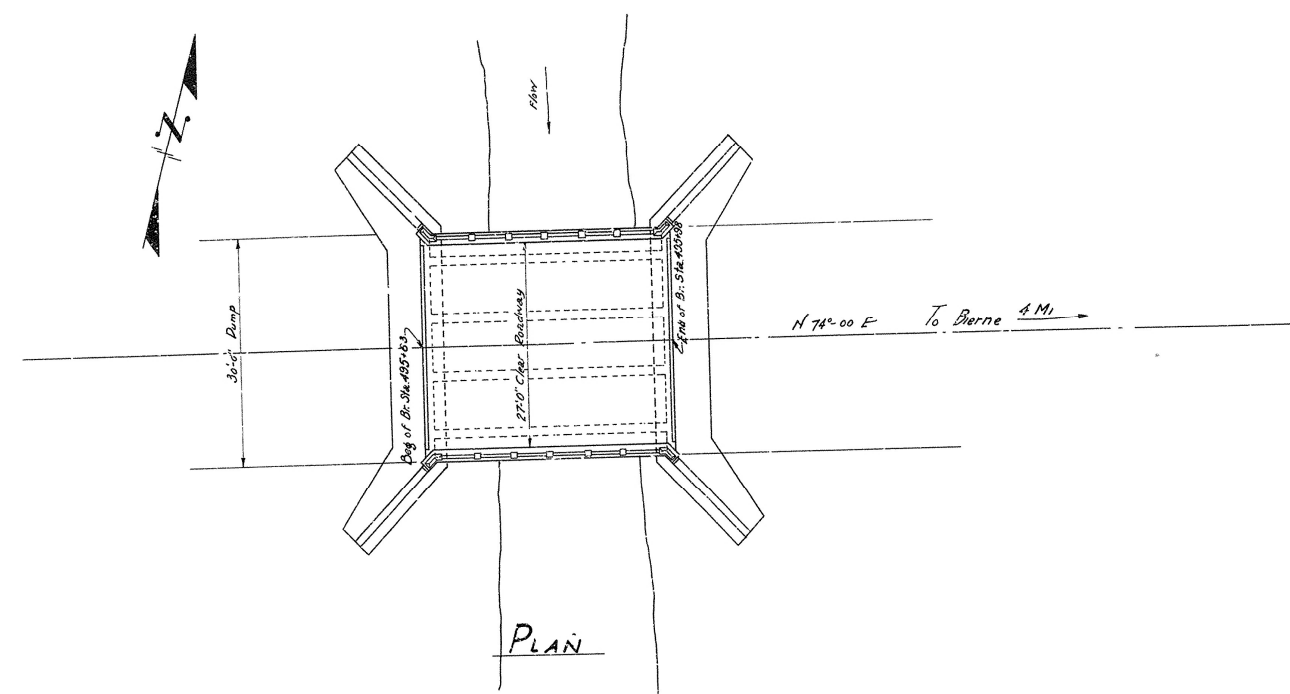


**GENERAL NOTES**  
All exposed corners to have  $\frac{3}{4}''$  chamfer unless otherwise noted.  
Precast concrete hand rails to be 1:1.2 Min. Max. aggregate  $\frac{3}{4}''$ .  
All concrete above top of Bent Caps, except handrails to be Class "S".  
Reinforcing steel to be deformed bars of Structural or Intermediate grade.  
Shop List and Bending Diagrams must be submitted by the Contractor before fabrication is begun.  
Roadway Drains & Expansion Devices to be paid for at Unit price bid for Reinforcing steel.  
Specification: Arkansas Road & Bridge Specifications adopted May 30, 1925 and revised.  
Unit Stresses: Fc 16000# / sq. ft., Ft 7500# / sq. ft., P 15.  
Mis Loading.  
All dimensions shown are center to center of bars.

**DETAILS OF STANDARD 35'-0" R.C. DECK GIRDER**  
4 GIRDER TYPE  
27'-0" CLEAR ROADWAY  
ROUTE 100 SEC. 100  
**ARKANSAS STATE HIGHWAY DEPARTMENT**  
LITTLE ROCK, ARK.  
Drawn By: W.D. Date: 12-30-29  
Trans. By: Date:  
Checked By: Date:  
Scale: in. = ft.  
NO. 2355  
DRAWING NO. 2355

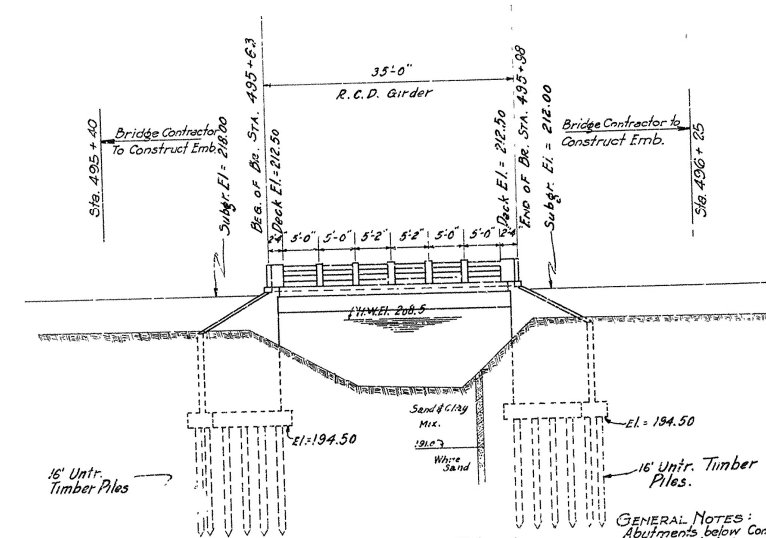
Revised 4-10-30 F.M.M. Slab  
Checked by  
C.I. Slab 4-10-30 by nos

M.B. Lane  
BRIDGE ENGINEER



### QUANTITIES

Item No. 13	Dry Excavation for Struts	298 Cu. Yds
" " 13	Wet " "	206 " "
" " 17	Borrow " "	500 " "
" " 54	Class A Conc. 135,750 Cu Yds.	
" " 54	Reinf. Steel 43,18 " "	
" " 55	Untr. Timber Piling 1408 Lin. Ft.	
" " 66	Conc. Handrail " "	



GENERAL NOTES:  
 Abutments below Const. Joint to be Class A Concrete.  
 All concrete to be poured in the dry.  
 All exposed corners to have 1/4" chamfer unless otherwise noted.  
 Reinforcing Steel to be deformed bars of structural or intermediate grade.  
 Shop List and Bidding Diagrams must be submitted by Contractor before fabrication is begun.  
 For Abutment Details See Drwg. No. 2608  
 For Superstructure Details see Drwg. No. 2355  
 Lengths of Piling shown are assumed for Estimating  
 Quantities only. Actual lengths are to be determined in the  
 field.  
 Specifications: Arkansas Standard Road and Bridge Specifications adopted  
 May 30th, 1925 and Revised.

LAYOUT OF BRIDGE  
 AT STA. 495+63.0  
 LITTLE MISSOURI RIVER RELIEF  
 CLARK COUNTY  
 ROUTE 67 SEC. 4  
 ARKANSAS STATE HIGHWAY DEPARTMENT  
 LITTLE ROCK, ARK.  
 Drawn By: E.A.W. Date: 2-14-30  
 Traced By: G.A.C. Date: 2-17-30  
 Checked By: \_\_\_\_\_ Date: \_\_\_\_\_  
 BRIDGE NO. 1386  
 SCALE: 1 in. = 10 ft.  
 DRAWING NO. 2607

M.B. Harner  
 BRIDGE ENGINEER