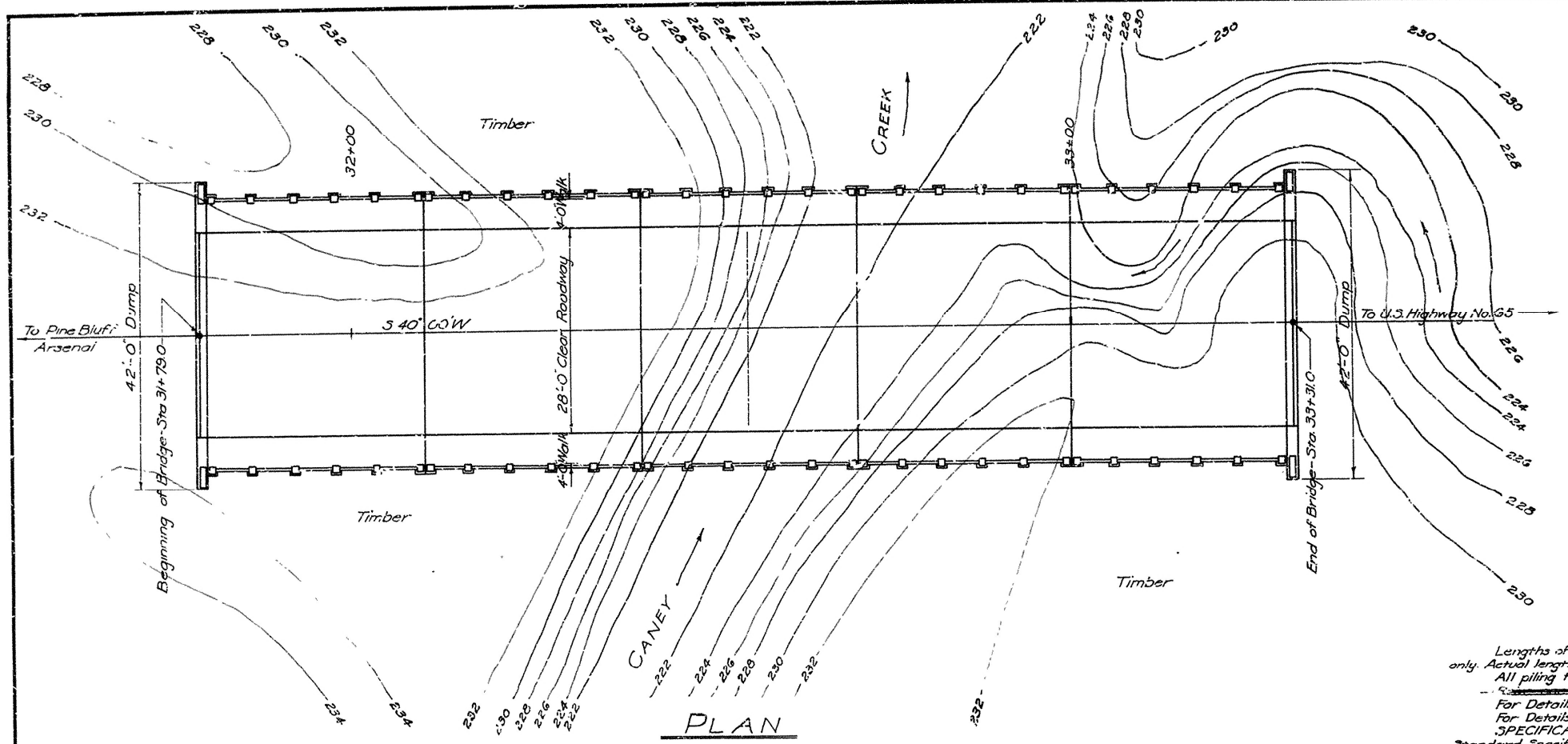
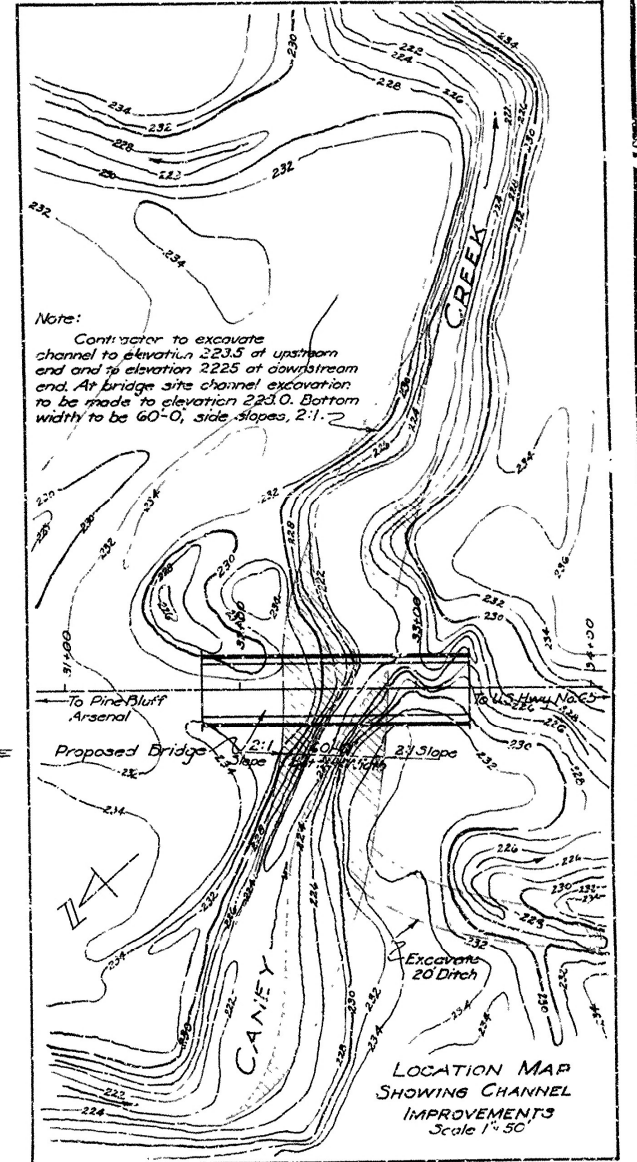


FEED. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	ARK.	DA-W-3	1942	3	32
STATE JOB NO. 2326					

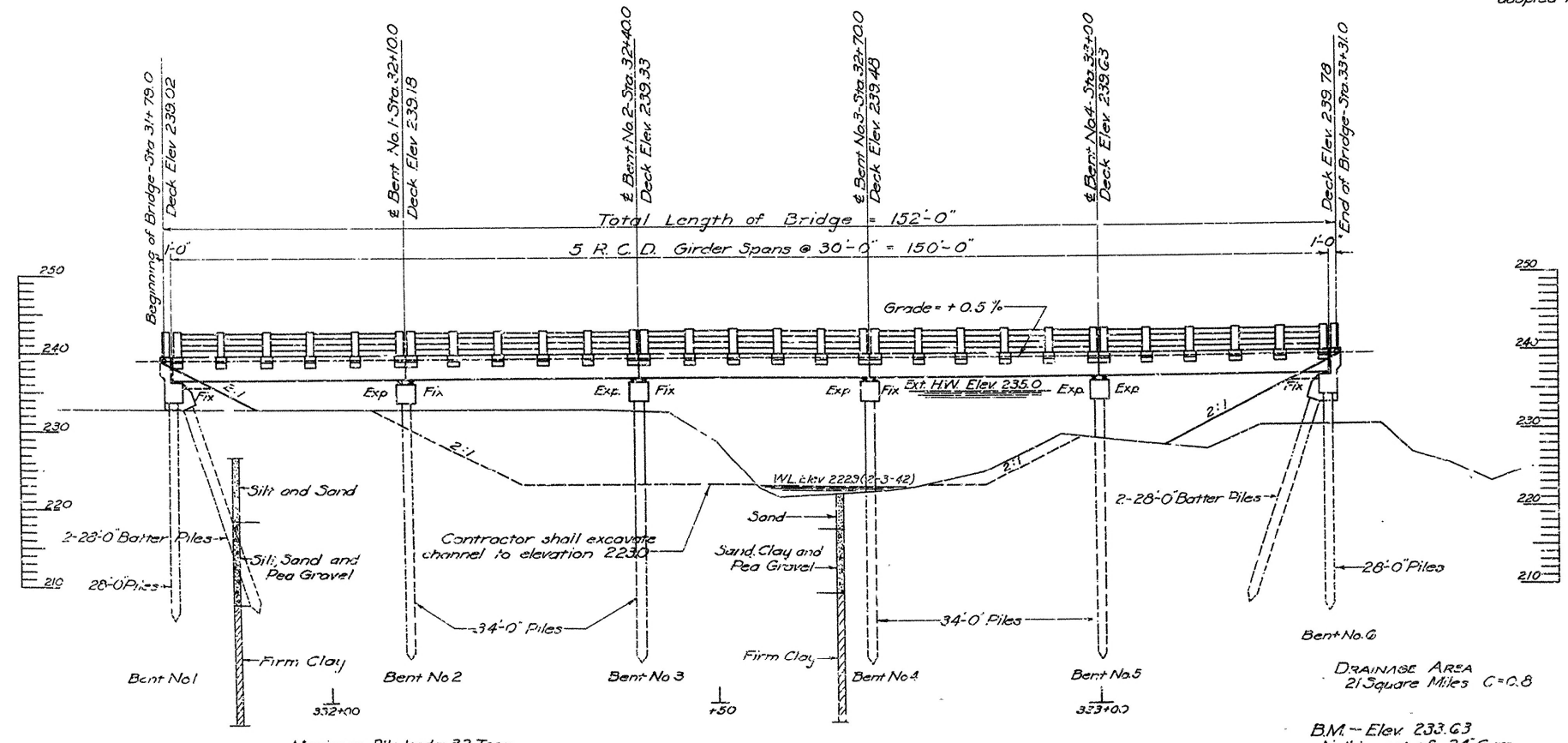


PLAN

GENERAL NOTES
Lengths of piling shown are assumed for estimating quantities only. Actual lengths to be determined in the field.
All piling to be 16" octagonal precast concrete.
For Details of Bents see Drawing No. G302
For Details of R.C.D. Girder Spans see Drawing No. 5383
SPECIFICATIONS: Arkansas State Highway Commission
Standard Specifications for Road and Bridge Construction, adopted March 1, 1940.



LOCATION MAP
SHOWING CHANNEL
IMPROVEMENTS
Scale 1" = 50'



ELEVATION

SCHEDULE OF QUANTITIES JOB No. 2326 CODE No. 950						
ITEM NO	SP & 802	SP & 803	804	805	SP & 807	929
ITEMS	Class "S" Concrete For Bridges	Reinforcing Steel	Concrete Piling	Concrete Railing	Metal Bearing and Roadway Expansion Devices	State Bridge Name Plates (Type B)
LOCATION	UNIT	Cu. Yds	LBS.	LIN. FT.	LBS.	EACH
Bents No. 1 and 6	26.1	3440	392	12	1200	2
Bents No. 2 to 5 Incl.	26.8	3700	684			
Spans No. 1 to 5 Incl.	222.6	61750		300	12120	
TOTALS	275.5	61640	1076	312	13320	2

**LAYOUT OF BRIDGE
OVER CANEY CREEK**

BALDWIN - U.S. HIGHWAY NO. 65
JEFFERSON COUNTY
ROUTE SEC.

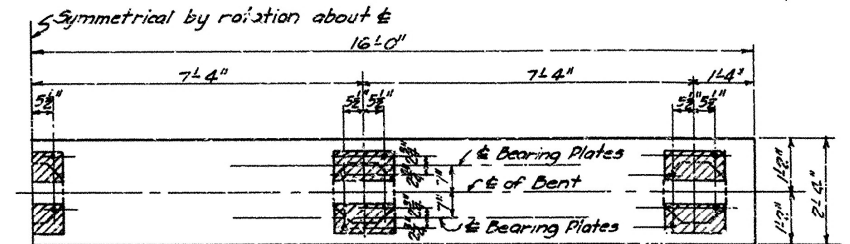
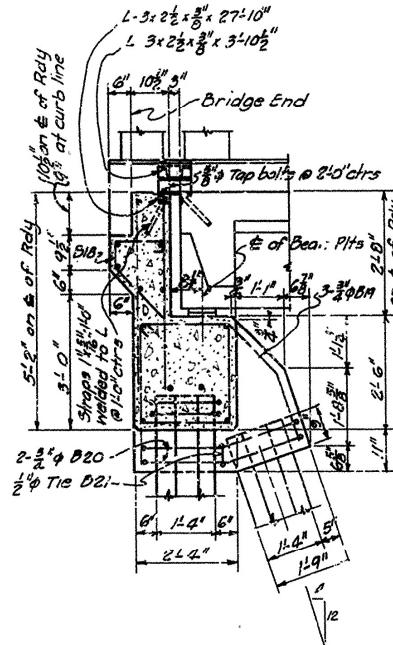
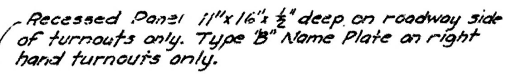
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

Drawn By: H.B. Date: 2-7-42
Traced By: M.W.H. Date: 2-9-42
Checked By: Date:
BRIDGE NO. 2288 DRAWING NO. G301

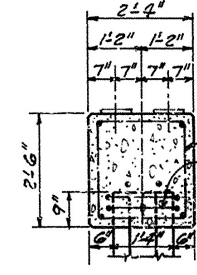
Revised: Onit Test File. Supply reinforcing steel. No. 5-6-42.

B.M. - Elev. 233.63
Nail in root of 24" Gum
60' right of Sta 31+55

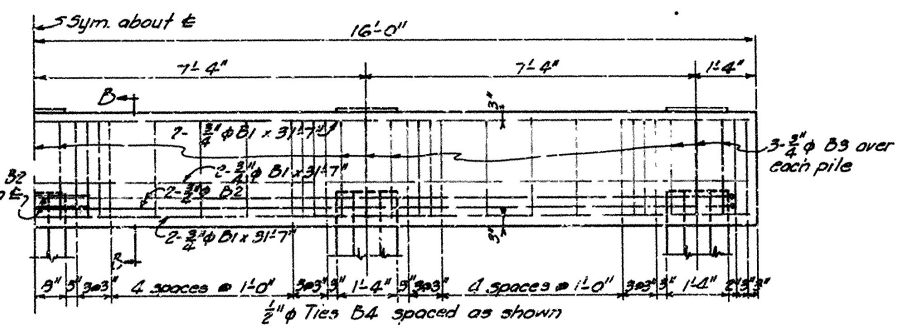
PRINCIPAL HIGHWAY ENGINEER (BRIDGE)



HALF PLAN OF INTERMEDIATE BENT CAP



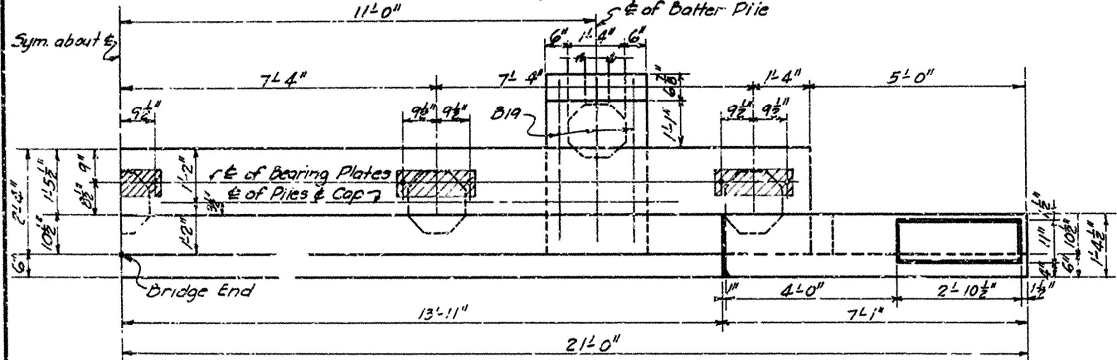
SECTION B-B



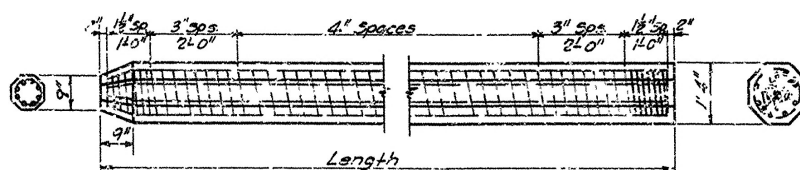
HALF SIDE ELEVATION OF INTERMEDIATE BENT

HALF REAR ELEVATION OF END BENT

FOR LOCATION OF BATTER PILE, SEE PLAN BELOW



HALF PLAN OF END BENT



Reinforcing: Vertical Bars: $8-\frac{3}{4}" \phi$ for lengths up to 35' incl
Spiral: No. 4 Wire for all lengths.

DETAIL OF 16" PRECAST CONCRETE PILE

SECTION A-A

LIST OF BENT BARS FOR BENTS

[illegible]

General Notes:

All concrete to be Class "5." All exposed corners to be chamfered $\frac{3}{4}$ " unless otherwise noted.

Shop lists and bending diagrams of reinforcing steel must be submitted and approval secured before fabrication is begun.

Maximum computed load per pile- 32 Tons. Piles to be driven to a minimum capacity of 32 tons.

Specifications: Arkansas State Highway Commission Standard Specifications for Road and Bridge Construction adopted March 1, 1940

UNIT STRESSES

Class "S" Concrete ($n=10$) $f_c = 1000 \frac{\text{psi}}{\text{in}^2} / 18000$
Reinforcing Steel $f_s = 22000 \frac{\text{psi}}{\text{in}^2} / 18000$
Structural Steel $f_s = 60000 \frac{\text{psi}}{\text{in}^2} / 18000$

DETAILS OF BENTS
BRIDGE OVER CANEY CREEK
BALDWIN - U.S. HIGHWAY NO. 65

JEFFERSON COUNTY
ROUTE SEC.

ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

Drawn By: H-13 Date: 2-12-42
Traced By: " Date: 2-13-42

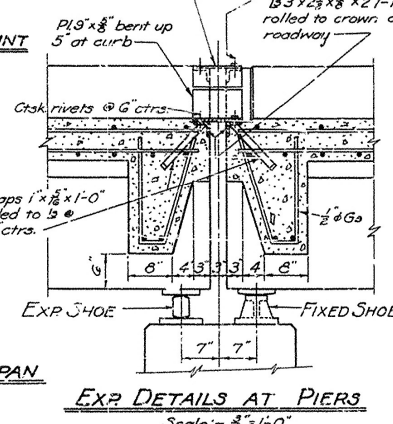
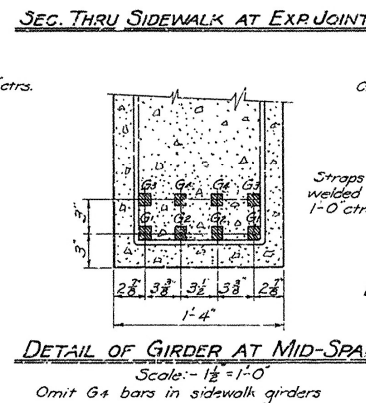
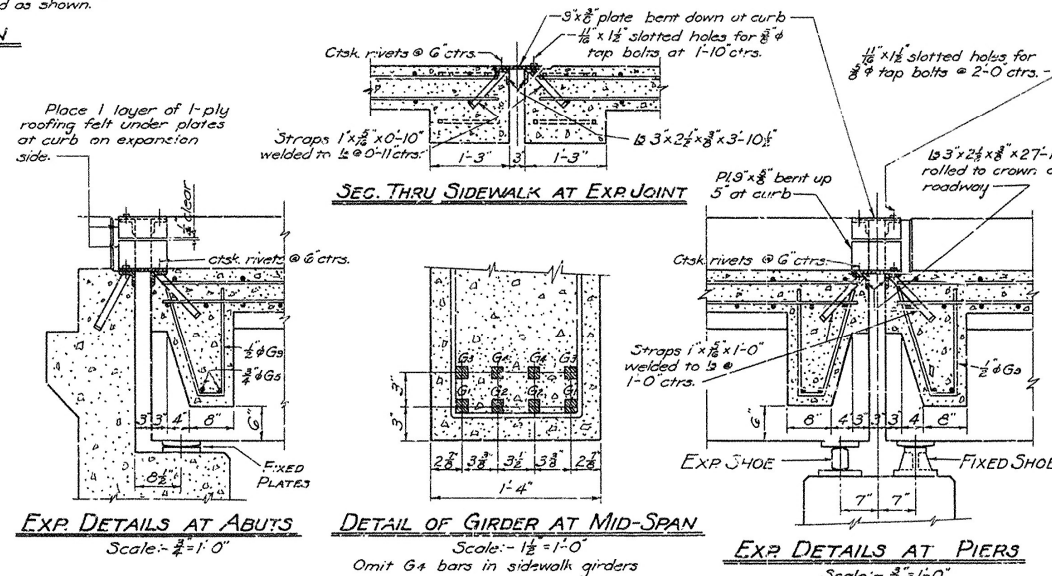
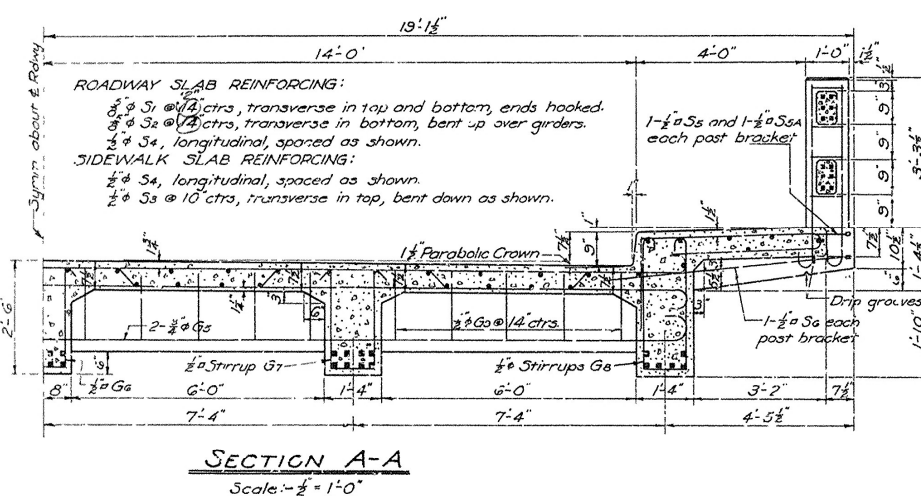
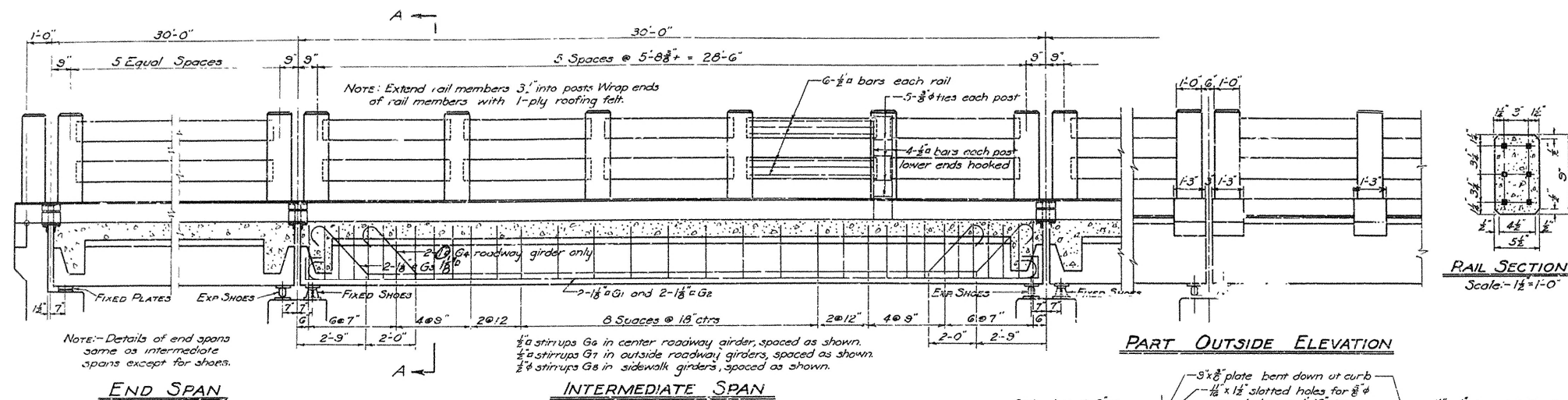
Checked By: _____ Date: _____
BRIDGE NO. 2288

Checked By: _____ Date: _____
BRIDGE NO. 2288 DRAWING NO. 6302

Revised. Unit Stresses - H.B 3-6-42

PRINCIPAL HIGHWAY ENGINEER (BRIDGE)

FED. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO	TOTAL SHEETS
6	ARK.	4-11-73	72		
STATE JOB NO. 122				10	32



BAR LIST PER SPAN

MARK	SIZE	LENGTH	No Reqd	A	B	BENDING DIAGRAM
G1	1/4"	32'-2"	10	—	—	
G2	1/4"	31'-3"	10	29'-3"	0'-0"	
G3	1/4"	31'-10"	10	24'-6"	—	
G4	1/4"	27'-10"	6	20'-6"	—	
G5	3/8"	31'-9"	4	30'-3"	0'-6"	
G6	1/2"	6'-1"	33	2'-2"	—	
G7	1/2"	6'-0"	66	2'-1/4"	—	
G8	1/2"	7'-5"	66	—	—	
G9	1/2"	3'-6"	40	—	—	

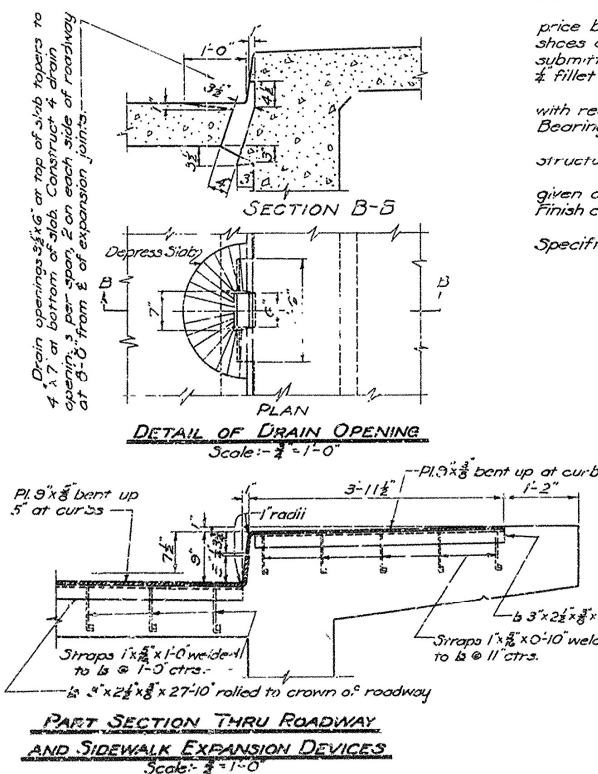
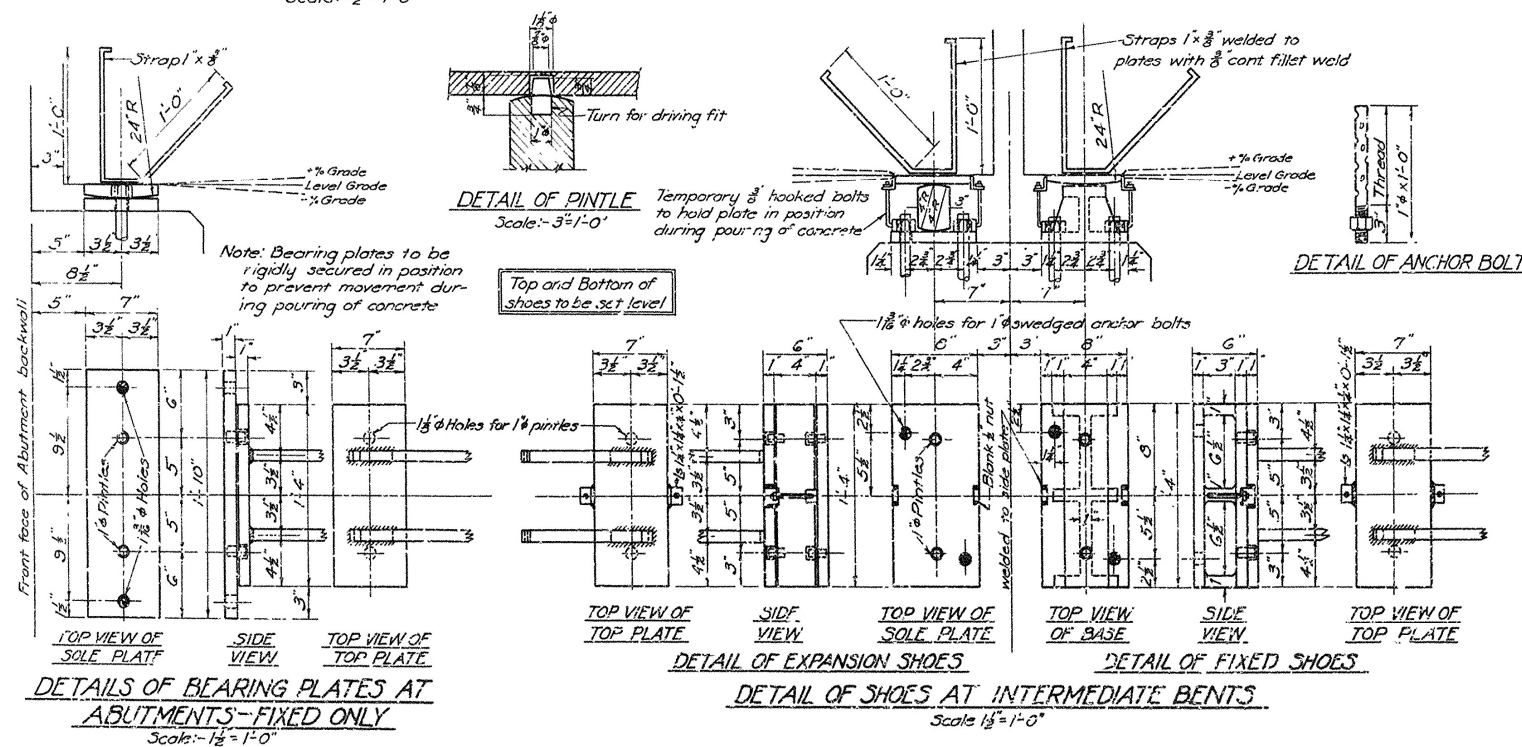
S1	3/8"	31'-6"	60	32	—	
S2	3/8"	32'-8"	23	—	—	
S3	1/2"	10'-0"	70	—	—	
S4	1/2"	29'-4"	54	31r	—	
S5	1/2"	14'-6"	12	0'-11"	—	
S5A	1/2"	14'-2"	12	0'-7"	—	
S6	1/2"	12'-3"	12	—	—	

DESIGN LIVE LOAD - H-20 LOADING A.S.H.O. 1941
 Load distribution to Interior Girders :- Dead Load = $1130 \text{ }^w/\text{lin. ft.}$
 Live Load = $1.47 \text{ Wheels, } 30\% \text{ Impact}$
 Load distribution to Outside Girders :- Dead Load = $1715 \text{ }^w/\text{lin. ft.}$
 Heavy Live Load = $0.635 \text{ Wheels, } 30\% \text{ Impact}$
 Sidewalk Live Load = $240 \text{ }^w/\text{lin. ft.}$

UNIT STRESSES:— Class "3" Concrete ($n=10$) 1,000 psi
Reinforcing Steel 18,000 20,000 psi
Structural Steel 18,000 20,000 psi

GENERAL NOTES

All concrete to be Class "3". All exposed corners to have $\frac{3}{8}$ " chamfers unless otherwise noted. Structural "C"
All reinforcing steel to be deformed bars of minimum grade. All dimensions relating to reinforcing steel are to center of bars. Shop lists and bending diagrams must be submitted by the contractor and approval secured before fabrication is begun.
Roadway expansion and bearing devices to be paid for at the unit price bid for Metal Bearing and Roadway Expansion Devices. Shop drawings of shoes and expansion devices shall be made in compliance with specifications, submitted and approved before fabrication is begun. All weld connections to be $\frac{3}{8}$ " fillet welds unless otherwise noted.
Masonry plates shall be finally seated on 3 layers of burlap saturated with red lead. This work and material to be included in the price bid for Metal Bearing and Roadway Expansion Devices.
Base of fixed shoe and lower part of expansion shoes to be cast or structural steel. All other parts of shoes or bearing plates to structural steel.
Paint: All exposed parts of cast or structural steel shall be given one priming coat of red lead and raw linseed oil. 2nd coat, white lead. Finish coat, white lead, tinted with lamp black.
SPECIFICATIONS:-- Arkansas State Highway Commission Standard Specification for Road and Bridge Construction, adopted March 1, 1940.



DETAILS OF STANDARD
30'-0" R.C. DECK GIRDER SPAN
28'-0" CLEAR ROADWAY, 2 SIDEWALKS 4'-0"
5 GIRDER TYPE
ROUTE SEC.

ARKANSAS STATE HIGHWAY COMMISSION
 LITTLE ROCK, ARK.
 Drawn By: WCH Date: 2-11-42 Scale: $\frac{1}{2}$ in. = 1'-0" in.
 Traced By: MWH Date: 2-13-42 EXCEPT AS NOTED
 Checked By: _____ Date: _____
BRIDGE NO. 2298 **DRAWING NO. 5383**