

STATE OF ARKANSAS  
STATE HIGHWAY COMMISSION

FED. DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	ARK.	271-A	1930	1	6

YEAR	JOB NO.	SHEET NO.	TOTAL SHEETS
1930	3-126	1	6

INDEX OF SHEETS

- Sheet No. 1 Drwg No. 1995 Title Sheet.
- " " 2 " " 1996-A Layout Sheet (1 of 2) of Br. No. 899 1/2
- " " 3 " " 1997 " " (2 " 2) " " " 899 1/2
- " " 4 " " 1998-A Details of Raising & Re-decking Br. No. 899 1/2
- " " 5 " " 1999 Layout of Br. No. 900
- " " 6 " " 2273 Details of Standard 30' R.C.D. Girder on Concrete Pile Bents, 20' Clear Roadway.

Note: Two Federal Aid Marker plates of approved design and furnished by the state to be placed on each bridge.

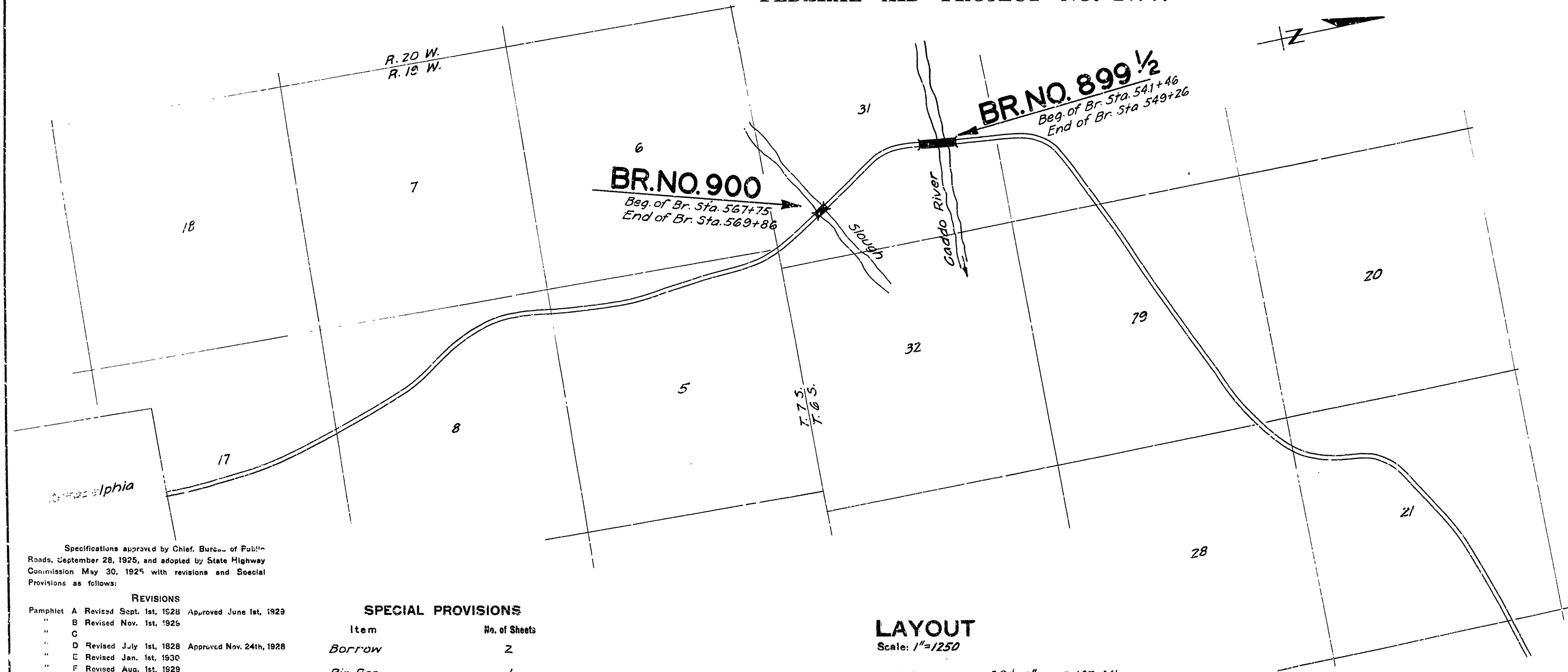
PLAN OF PROPOSED BRIDGES  
OVER  
CADDO RIVER  
CLARK COUNTY

ROUTE 51 SEC. 2  
JOB No 3126  
FEDERAL AID PROJECT NO. 271-A

QUANTITIES

Item No. *11	Clearing	1 Acre
" " *12	Earth Excavation	1,120 Cu. Yds.
" " *17	Borrow	9,800 " "
		-----
" " 54	" " S "	Cu. Yds.
" " 55	Reinforcing Steel	1102.05 " "
		-----
" " 68	Precast Concrete Piling	5184 Lin Ft.
" " 69	Rip Rap	156 Cu. Yds.
" " 74	Conc. Railing for Structures	2069 Lin. Ft.
" " *	S.P. Repairing Existing Structure	1 Lump Sum

Note - Items marked thus \* are non-participating in Federal Aid



Specifications approved by Chief Bureau of Public Roads, September 28, 1925, and adopted by State Highway Commission May 30, 1925 with revisions and Special Provisions as follows:

REVISIONS	
Pamphlet A	Revised Sept. 1st, 1928 Approved June 1st, 1929
" B	Revised Nov. 1st, 1925
" C	
" D	Revised July 1st, 1928 Approved Nov. 24th, 1928
" E	Revised Jan. 1st, 1930
" F	Revised Aug. 1st, 1929
" G	Revised June 1st, 1929
" H	Revised Jan. 1st, 1930
" I	
" J	Revised Jan. 1st, 1929 Approved June 1st, 1929
" K	
" L	Revised Jan. 1st 1929 Approved June 1st, 1929

SPECIAL PROVISIONS	
Item	No. of Sheets
Borrow	2
Rip Rap	1
Repairing Existing Structure	1
Engineers Office	1

LAYOUT  
Scale: 1"=1250'

LENGTH OF PROJECT	= 991'-6" = 0.187 MI.
LENGTH OF BRIDGES	= 991'-6" = 0.187 MI.
LENGTH OF EMBANKMENT	= 627'-6" = 0.118 MI.
LENGTH OF JOB	= 1379'-0" = 0.263 MI.

10-29-30  
Added Length. HB.

APPROVED \_\_\_\_\_  
CHIEF ENGINEER - U. S. BUREAU OF PUBLIC ROADS

APPROVED \_\_\_\_\_  
DISTRICT ENGINEER - U. S. BUREAU OF PUBLIC ROADS

APPROVED \_\_\_\_\_  
CHIEF - U. S. BUREAU OF PUBLIC ROADS

APPROVED \_\_\_\_\_  
CLERK - STATE HIGHWAY COMMISSION

APPROVED \_\_\_\_\_  
STATE HIGHWAY ENGINEER

M.R. Gamm  
BRIDGE ENGINEER

BRIDGES No. 899 1/2 & 900

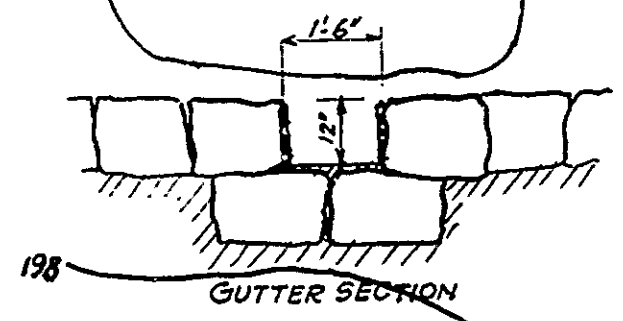
DRAWING No. 1995

RIGHT OF WAY				
Sta.	Sta.	Width R.E.	Width L.E.	Total Width
535	545	40'	40'	80'

FISCAL YEAR	SHEET NO.	TOTAL SHEETS

6 ARK. E2717 1933 2 13  
 LAY. FOR CADD. RIVER BRIDGE CLARK CO. ARK.

Riprap shall be laid to form a gutter as indicated here. The gutter shall conform to section shown immediately to right and shall be placed on both sides of roadway dump (as staked by the Engineer) for conducting water from the curb lines to the bottom of the slope. The gutter shall be well graded with 1:2 cement mortar. Full payment for these gutters will be included in price bid for RIP RAP.



Move Present Bridge downstream and maintain traffic during construction See Drawing No. 1883

To Donaldson Rt. 67  
 To Hot Springs Rt. 7

Special Rail Turnout to be placed here See Drawing No. 1881-A

QUANTITIES

- Item No. 12 Common Excavation 127 Cu.Yds.
- " " 13 Dry Excavation for Struct. 776.8 Cu.Yds.
- " " 13 Wet Excavation for Struct. 1159.2 Cu.Yds.
- " " 91 Seal Concrete for Bridges 187.0 Cu.Yds.
- " " 91 Class "A" Concrete for Bridges 462.53 Cu.Yds.
- " " 91 Class "S" Concrete for Bridges 221.2 Cu.Yds.
- " " 92 Reinforcing Steel for Bridges 91492 Lbs.
- " " 96 Structural Steel 287,000 Lbs.
- " " 98 Untreated Timber Piling 3604 Lin.Ft.
- " " 94 Concrete Railing for Bridges 275.0 Lin.Ft.
- " " 47 Concrete Pavement (S.P. Job 3188) 214.7 Sq.Yds.
- " " 95 Rip Rap 40.0 Cu.Yds.

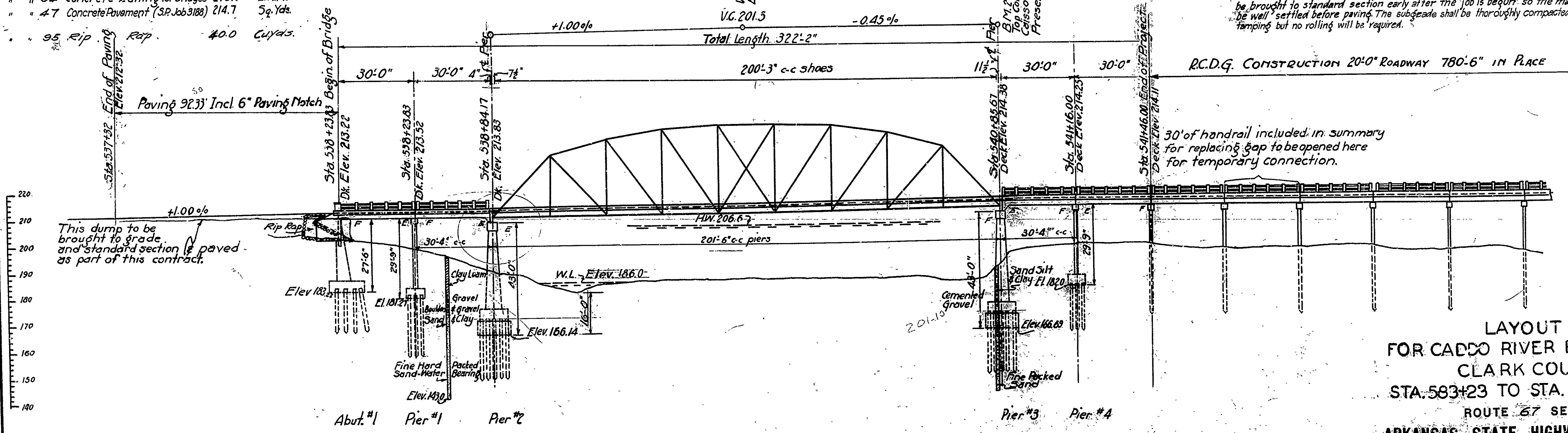
**GENERAL NOTES**

All exposed corners on concrete to be chamfered 3/4" unless otherwise noted. All superstructure concrete, except rails, to be class "S". All substructure concrete to be class "A" except seal concrete. All class "A" conc. to be placed in dry. Reinforcing steel to be reformed bars of structural or intermediate grade. Shop lists and bending diagrams must be submitted by the Contractor before fabrication is begun.

All dimensions given on these plans for reinforcing steel are from the  $\phi$  of bar. The shoes for steel span are to be finally seated on mat or pad composed of six layers of burlap soaked with red lead paint.

Foundation piling shall have minimum computed bearing capacity of 15 tons per pile, and a minimum penetration of 14 ft. below bottom of seal. In case refusal is reached before desired penetration is attained, the driving shall be facilitated by the use of a water jet, and continued until the 14 ft. minimum penetration is reached.

It is desired that the North abutment and backfill for same be placed, as soon as practicable after beginning the job in order that fill may settle before paving slab is placed. The fill material shall be jetted and otherwise compacted while being placed to obtain a maximum of stability. The approach dump shall also be brought to standard section early after the job is begun so the material will be well settled before paving. The subgrade shall be thoroughly compacted by hand tamping but no rolling will be required.



This dump to be brought to grade and standard section paved as part of this contract.

30' of handrail included in summary for replacing gap to be opened here for temporary connection.

LAYOUT  
 FOR CADDO RIVER BRIDGE  
 CLARK COUNTY  
 STA. 583+23 TO STA. 541+46  
 ROUTE 67 SEC. 6

ARKANSAS STATE HIGHWAY COMMISSION  
 LITTLE ROCK, ARK.

Drawn By: \_\_\_\_\_ Date: \_\_\_\_\_  
 Traced By: \_\_\_\_\_ Date: 2-2-32  
 Checked By: \_\_\_\_\_ Date: \_\_\_\_\_  
 BRIDGE No. 899 DRAWING No. 1880

W.B. Lamm  
 BRIDGE ENGINEER

Scale: 1" = 20'

FED. DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	ARK.	E271F	1933	1	13

17 PRS. SRS. C. ADDO R. C. L. C. G. DE 1933

STATE OF ARKANSAS  
STATE HIGHWAY COMMISSION

INDEX OF SHEETS

Sheet	Drsg. No.	Title
1	1879	Title Sheet
** 2	1880	Layout of Bridge No. 899
* 3	1881	Details of Abut. No. 1 Bridge No. 899
4	1882	Details of Piers Bridge No. 899
5	2272	Details of 30' R.C.D.G. Span 20' Cl. Roadway
6	3336	200 Ft. Steel Truss - 20' Roadway
	3337	200 Ft. Steel Truss Details
8	1883	Plan for Temporary Bridge
9	F51	Typical Embankment Cross Sections
10	C.P.12	Typical Section Concrete Pavement
11	C.P.7A	Structural Approach Slab
12	C.P.1	Detail Sheet Concrete Pavement
* 3A	1881A	Details Showing Turnout for Memorial Marker
13	F.P.M.2	Standard Concrete Markers
** 2A	1880-A	Quantity Summary

# PLAN OF PROPOSED BRIDGES

## OVER CADDO RIVER

CLARK COUNTY

ROUTE 67 SEC. 6

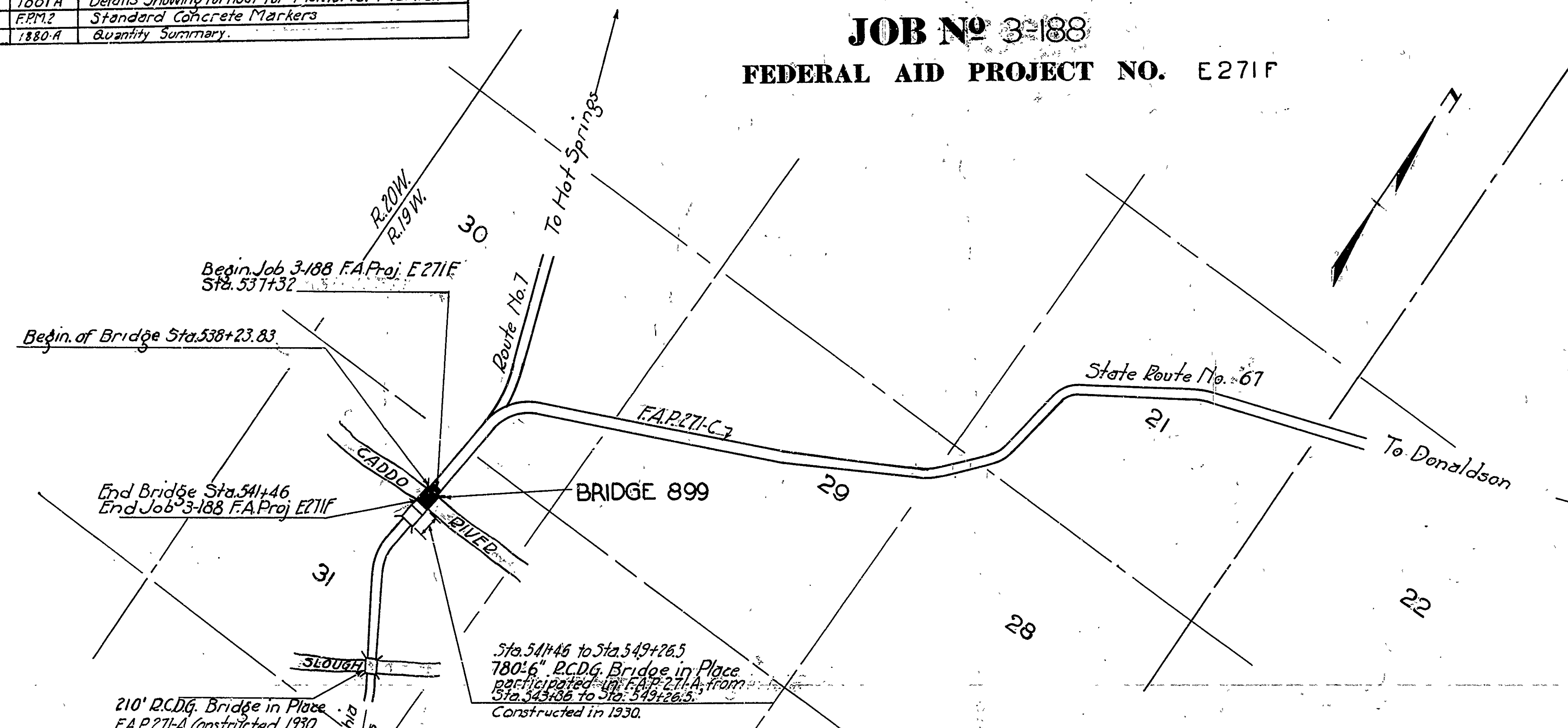
JOB NO. 3-188

FEDERAL AID PROJECT NO. E271F

### QUANTITIES

Item No.	Description	Quantity	Unit
12	Common Excavation	127	Cu. Yds.
13	Dry Excavation for Structures	776.8	Cu. Yds.
13	Wet Excavation for Structures	1159.2	Cu. Yds.
91	Seal Concrete for Bridges	1870	Cu. Yds.
91	Class A Concrete for Bridges	462.53	Cu. Yds.
91	Class S Concrete for Bridges	221.2	Cu. Yds.
92	Reinforcing Steel for Bridges	9149.2	Lbs.
96	Structural Steel	287000	Lbs.
98	Untreated Timber Piling	3604	Lin. Ft.
94	Concrete Piling for Bridges	275	Lin. Ft.
S.P.	Concrete Pavement (S.P. for Job 3-188)	214.7	Sq. Yds.
95	Rip Rap	40.0	Cu. Yds.
S.P.	Construction of Temporary Bridge	1	Only

2 Federal Aid Project markers to be placed by the Contractor. Bronze Marker Plates to be furnished by the State.



Specifications approved by Chief, Bureau of Public Roads, September 28, 1925, and adopted by State Highway Commission May 30, 1925 with revisions and Special Provisions as follows:

**REVISIONS**

Pamphlet A Revised March 1st, 1931 Approved June 13, 1931

B Revised Nov. 1st, 1932

C

D Revised July 1st, 1928 Approved Nov. 24th, 1928

E Revised Jan. 1st, 1930

F Revised Aug. 1st, 1929

G Revised June 1st, 1929

H Revised Jan. 1st, 1930

I Revised March 1st, 1930

J Revised March 1st, 1930

K Revised Nov. 1st, 1931

L Revised March 1st, 1931 Approved June 13, 1931

M Revised March 1st, 1931 Approved June 13, 1931

N Revised Sept. 1st, 1932

O Revised Sept. 1st, 1932

P Revised Sept. 1st, 1932

**SPECIAL PROVISIONS**

Item	No. of Sheets
Temporary Bridge	2
Engineer's Field Office	1 (9-7-32)
Concrete Pavement	
Labor	10
Partial Payments	1

**LAYOUT**  
Scale: 1" = 1250'

LENGTH OF PROJECT	414.00	ft.	0.078	Mi.
LENGTH OF BRIDGES	322.17	"	0.061	"
LENGTH OF EMBANKMENT	91.83	"	0.017	"
LENGTH OF JOB	414.00	"	0.078	"

APPROVED

CHIEF ENGINEER, U. S. BUREAU OF PUBLIC ROADS

APPROVED

DISTRICT ENGINEER, U. S. BUREAU OF PUBLIC ROADS

APPROVED

CHIEF - U. S. BUREAU OF PUBLIC ROADS

APPROVED

CHAIRMAN, STATE HIGHWAY COMMISSION

APPROVED

STATE HIGHWAY ENGINEER

M.B. Lewis  
BRIDGE ENGINEER

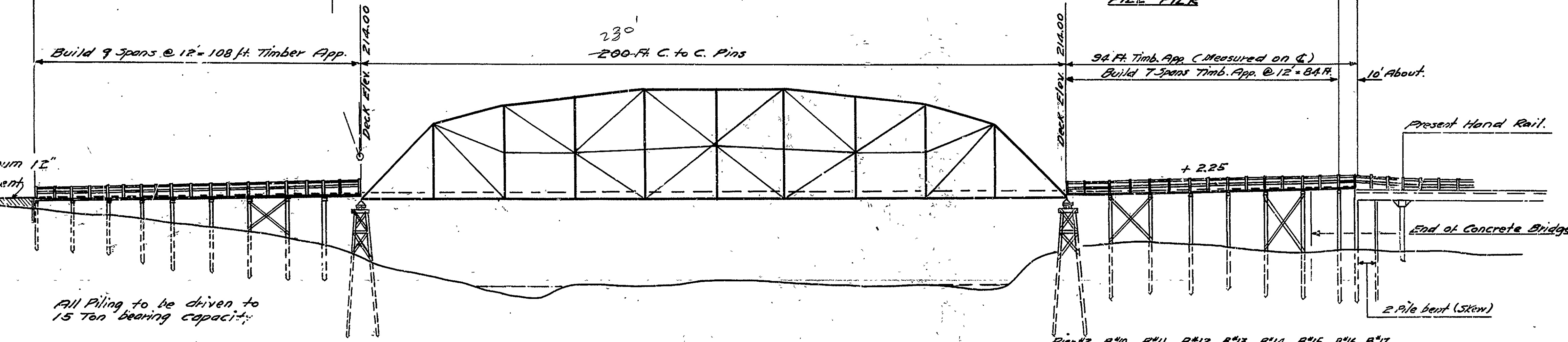
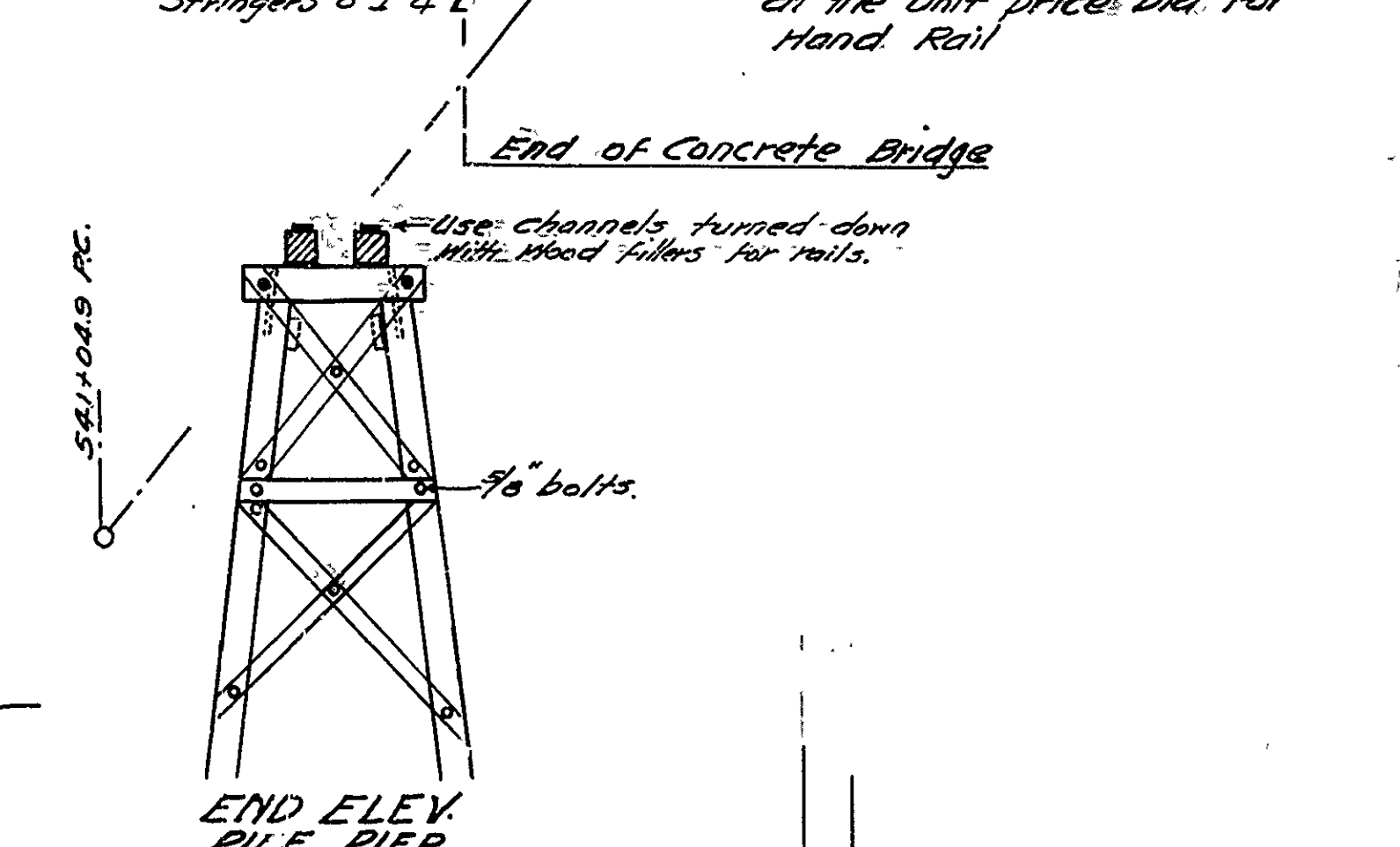
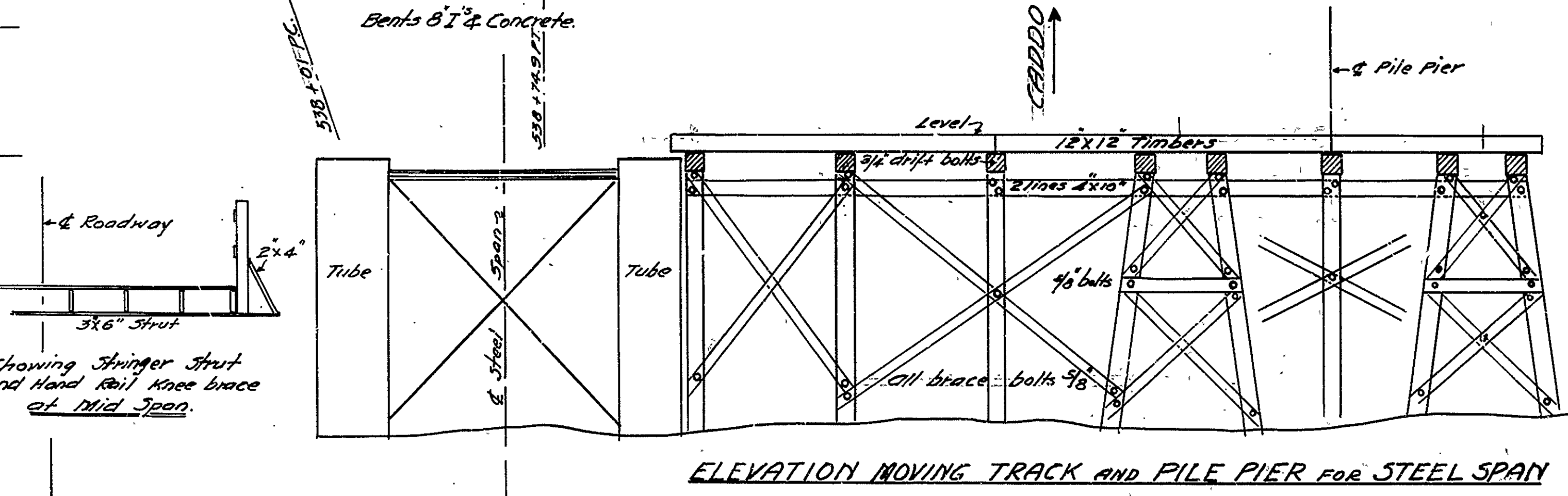
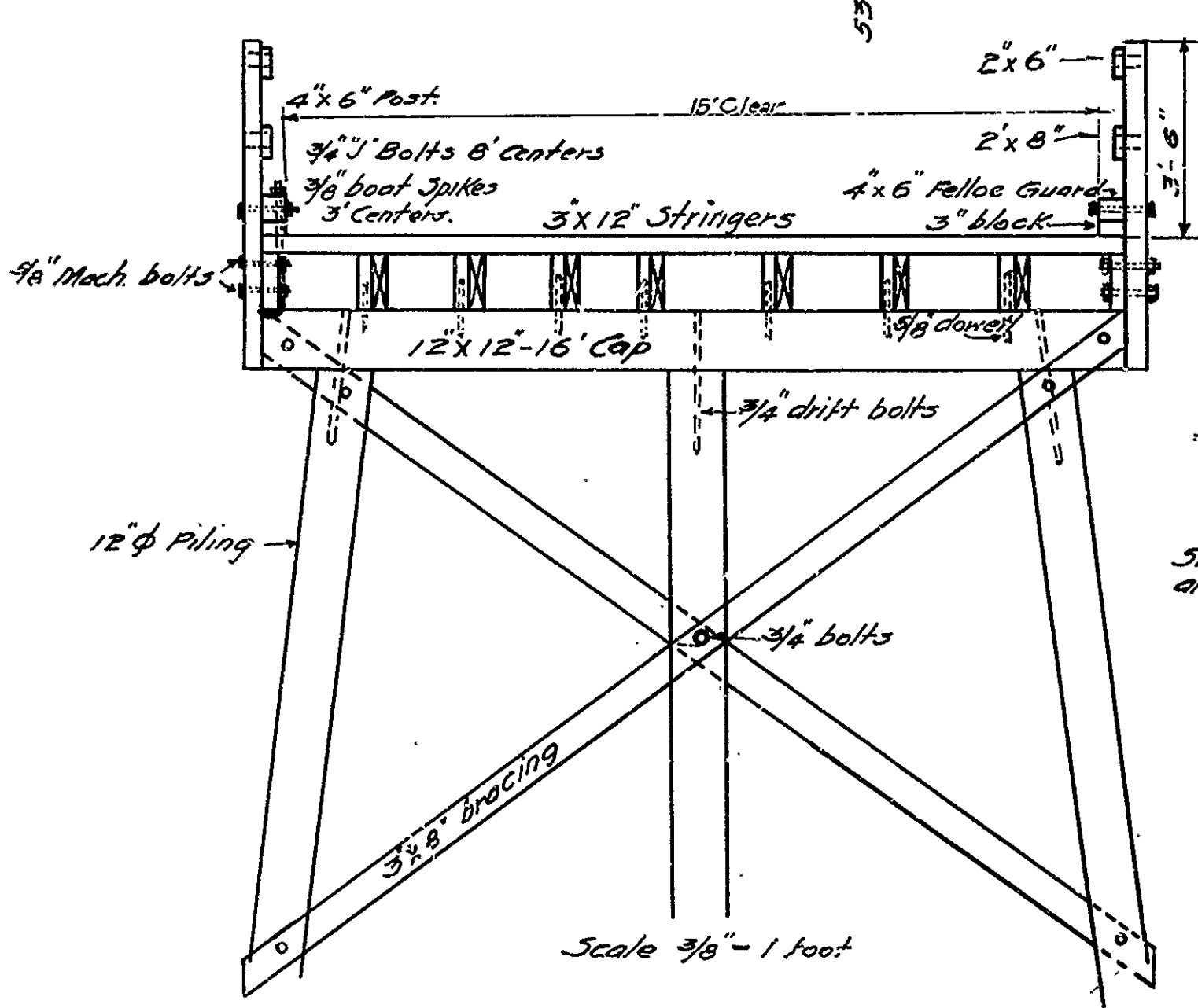
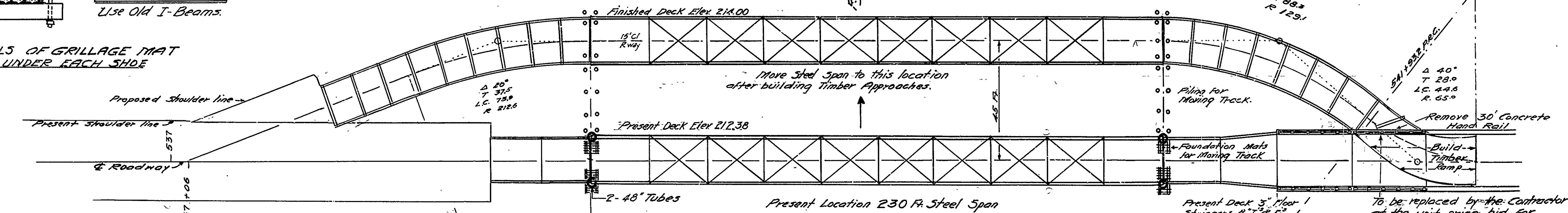
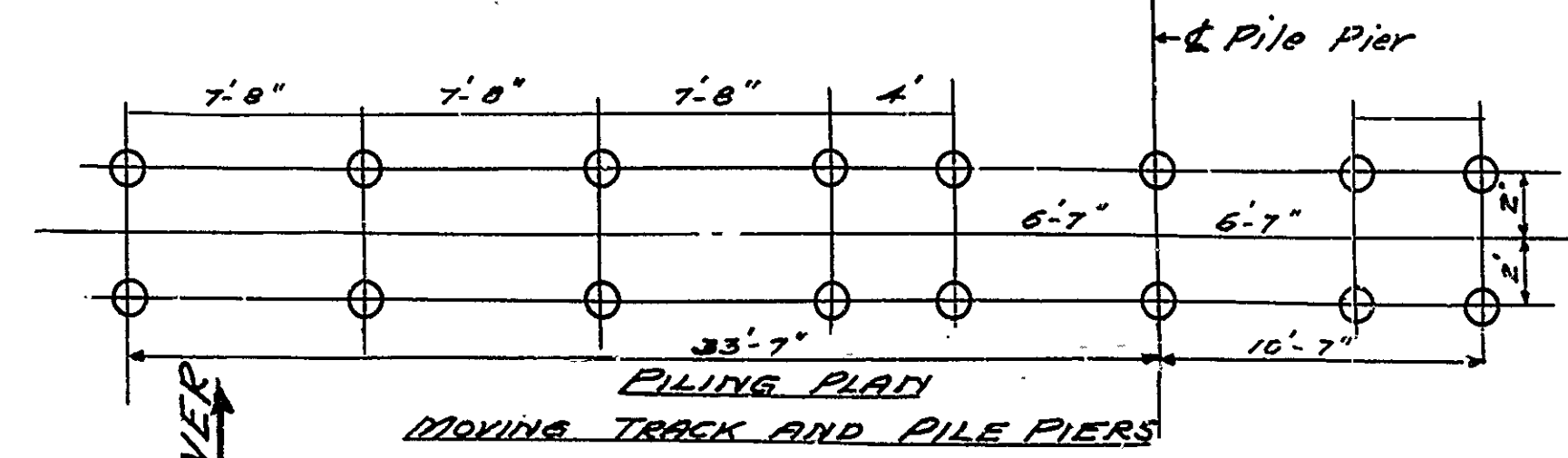
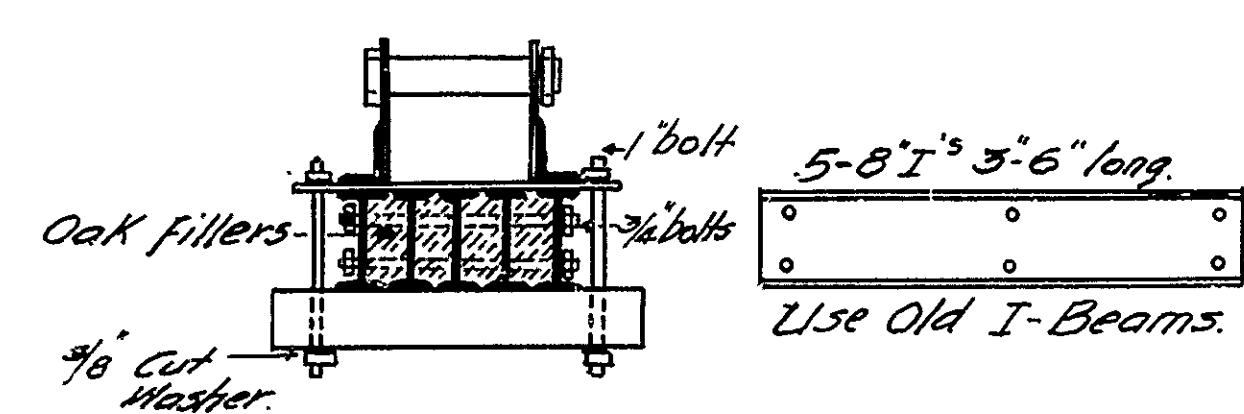
BRIDGES No. 899

DRAWING No. 1879

FISCAL YEAR	SHEET NO.	TOTAL SHEETS

FED. ROAD DIST. NO.	STATES	FED. AID PROJ. NO.	SCALE	SHEET NO.	TOTAL SHEETS
6	ARK.	ETP	1933	8	13



Note: Use 9 lines Stringers on Curves  
Use 8 " Tangent  
Super-elevate Roadway on Curve turnouts Maximum 1 1/2"  
Build Embankment

B\*1 B\*2 B\*3 B\*4 B\*5 B\*6 B\*7 B\*8 B\*9 Pier\*1

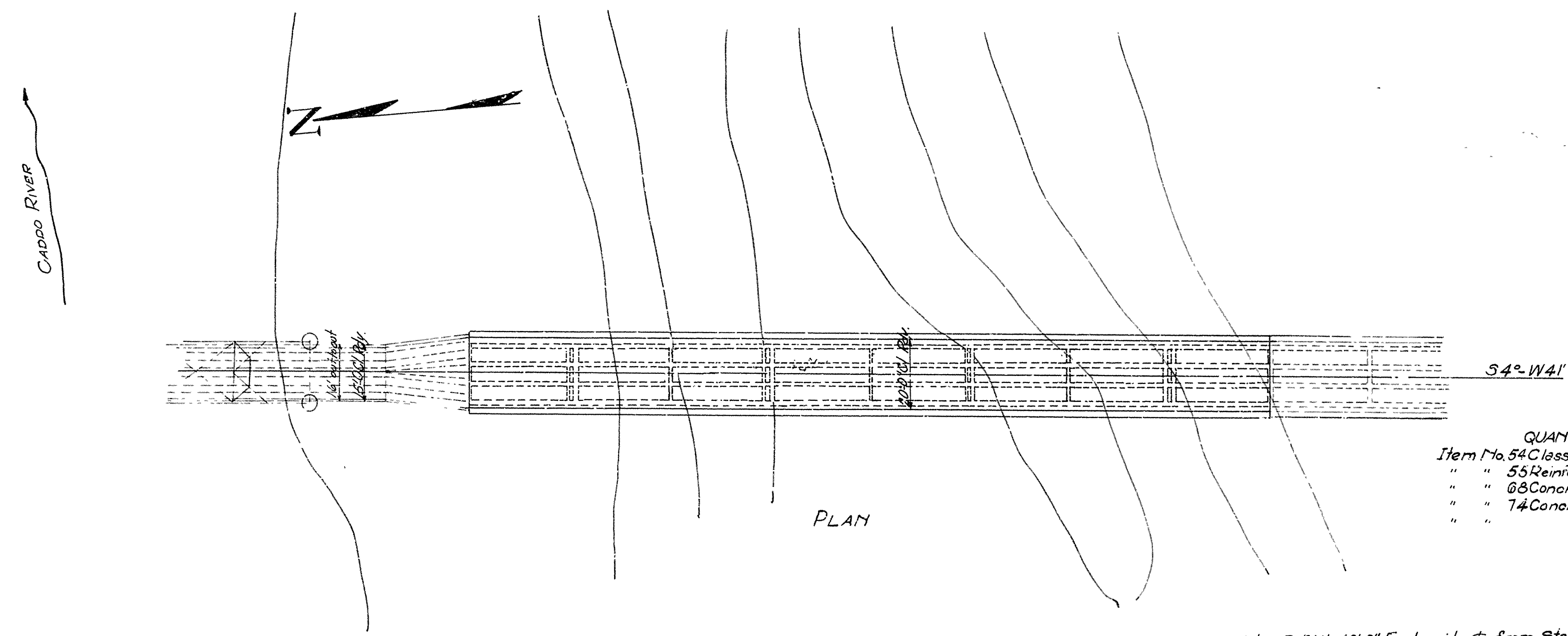
PLAN FOR MOVING 230 FT STEEL SPAN AND BUILD TIMBER TRESTLE AND EARTH APPROACHES CADDO RIVER BRIDGE ROUTE 67 SEC 5 ARKANSAS STATE HIGHWAY COMMISSION LITTLE ROCK, ARK. Drawn By: M.R. Date: 2-21-32 Traced By: Date: Checked By: Date: Scale: 1 in. = 20 ft. BRIDGE NO. 892 DRAWING NO. 1883

M.B. Jones  
BRIDGE ENGINEER

FISCAL YEAR	Job No.	SHEET NO.	TOTAL SHEETS
1930	3126	2	6

27A 1930 2 6

406



PLAN

QUANTITIES FOR ADDITIONS FOR F.A.P 271-A.

Item No. 54	Class "S" Concrete	265 cu. yds.
" "	55 Reinforcing Steel	66,000 lbs.
" "	@8 Concrete Piling	1280 lin. ft.
" "	74 Concrete Handrail	480 lin. ft.

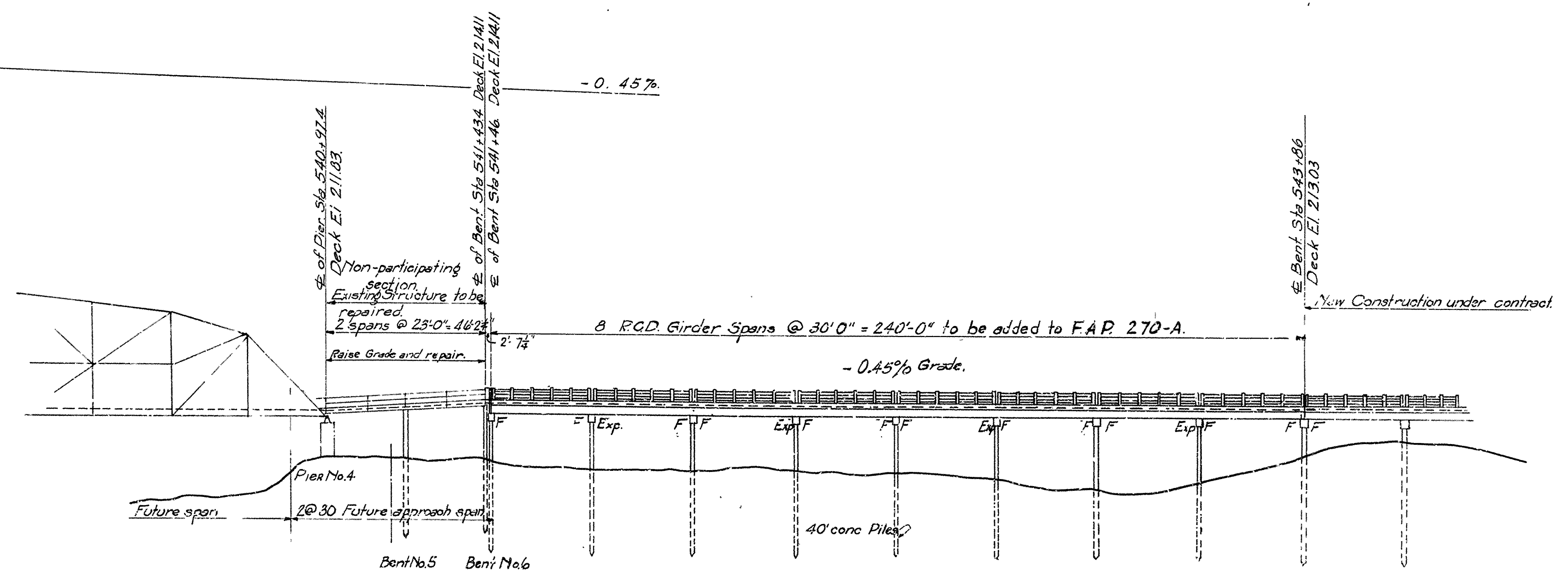
Note: R.&W 40'-0" Each side  $\pm$  from Sta. 540 +00 To Sta. 552 +00.

P.I. Sta. 539 +84.5  
Elev. 214.84

200 VC.

+10%

-0.45%



ELEVATION

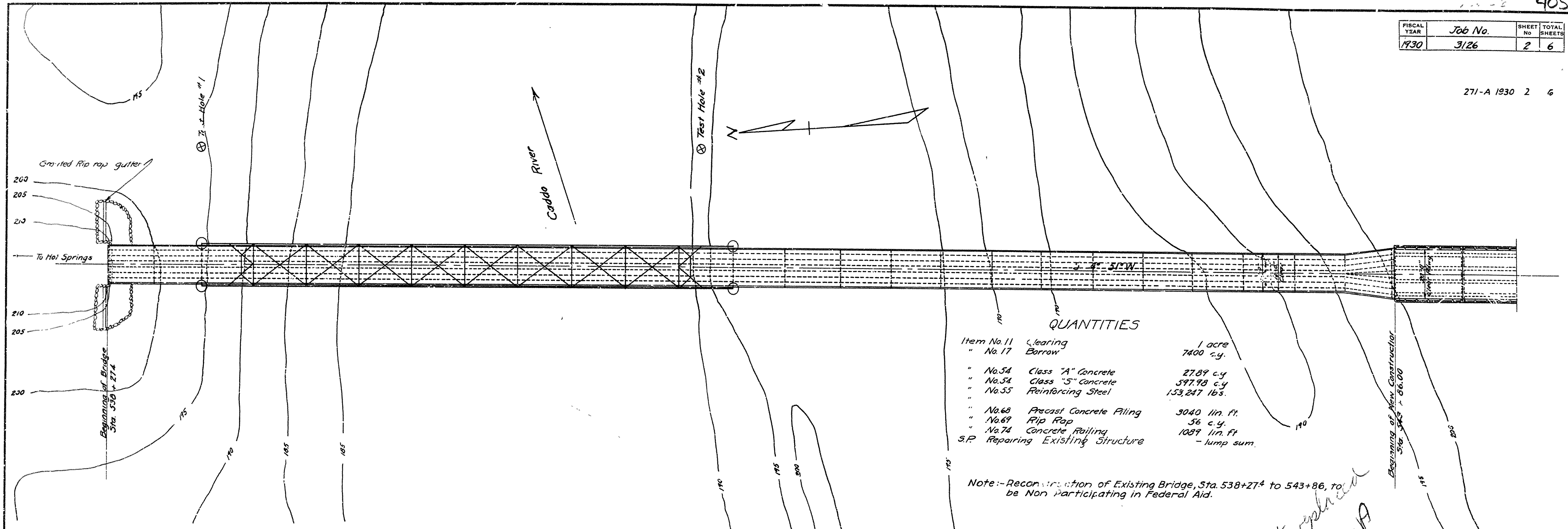
Note: This sheet to replace Drawing No. 1996.

B.M. El. 208.28  
Top of concrete, East  
Ceisson, North Pier  
Caddo River Bridge.

For Layout showing previous  
work on this bridge see  
Dwg. No. 1996 & 1997.

LAYOUT  
BRIDGE OVER CADDO RIVER  
CLARK COUNTY  
ROUTE 51 SEC. 2  
ARKANSAS STATE HIGHWAY COMMISSION  
LITTLE ROCK, ARK.  
Drawn By: LB Date: 2-28-30  
Traced By: Z. Hunter Date: 12-2-30  
Checked By: \_\_\_\_\_ Date: \_\_\_\_\_  
Scale: 1 in. = 20 ft.  
BRIDGE NO. 8992 DRAWING NO. 1996

BRIDGE ENGINEER

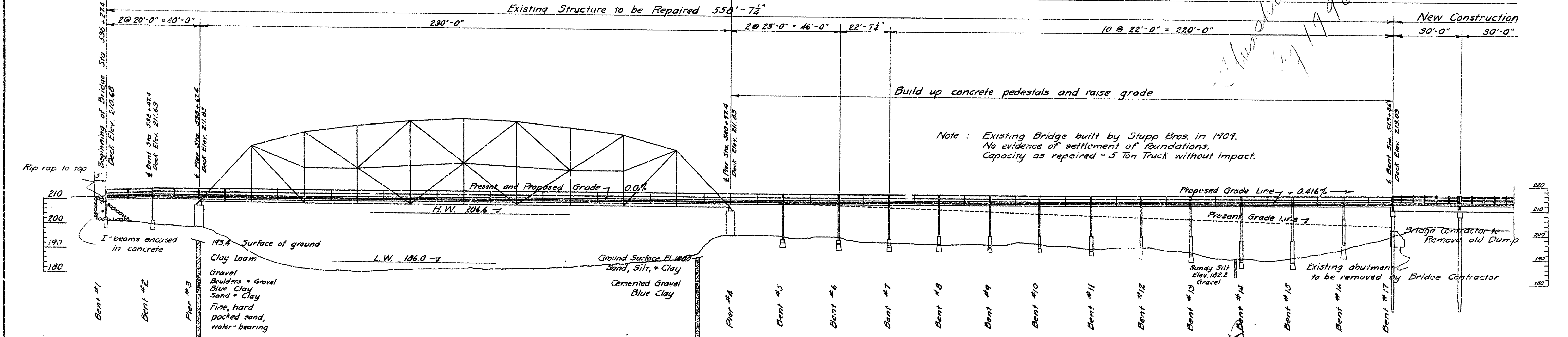


**QUANTITIES**

Item No. 11	Clearing	1 acre
" No. 17	Borrow	7400 c.y.
" No. 54	Class "A" Concrete	2789 c.y.
" No. 54	Class "S" Concrete	597.98 c.y.
" No. 55	Reinforcing Steel	153,247 lbs.
" No. 68	Precast Concrete Piling	3040 lin. ft.
" No. 69	Rip Rap	56 c.y.
" No. 74	Concrete Paving	1089 lin. ft.
S.P.	Repairing Existing Structure	- lump sum.

Note:-- Reconstruction of Existing Bridge, Sta. 538+27.4 to 543+86, to be Non-Participating in Federal Aid.

Overall length of Bridge 1099'-1/4"



Note: Existing Bridge built by Stupp Bros. in 1909. No evidence of settlement of foundations. Capacity as repaired - 5 Ton Truck without impact.

**General Notes**  
 Cost of galvanized iron scuppers to be included in price bid for Treated Timber.  
 Repairing Existing Structure shall be paid for at the lump sum bid, which shall include all labor, materials, equipment and expense incident to Redecking and Widening 22' span adjoining New Trestle, and raising the approach spans, except such items as are specifically included to be paid for, as Class "A" concrete, Reinforcing Steel, Contractor to maintain traffic during construction.  
 Specifications: Arkansas Standard Road and Bridge Specifications, adopted May 30, 1925, and Revised with Spec. Provs.

D.M. Elev. 208.28  
 Top of Concrete, East Caisson, North pier, Caddo River Bridge

Concrete for building up pedestals to be Class "A". Price bid for Class "A" concrete to include cost of cutting off tops of existing pedestals, cost of any excavation required in cutting off and building up pedestals, and cost of drilling holes and placing dowels.  
 All Reinforcing Steel to be paid for at the unit price bid for this item.

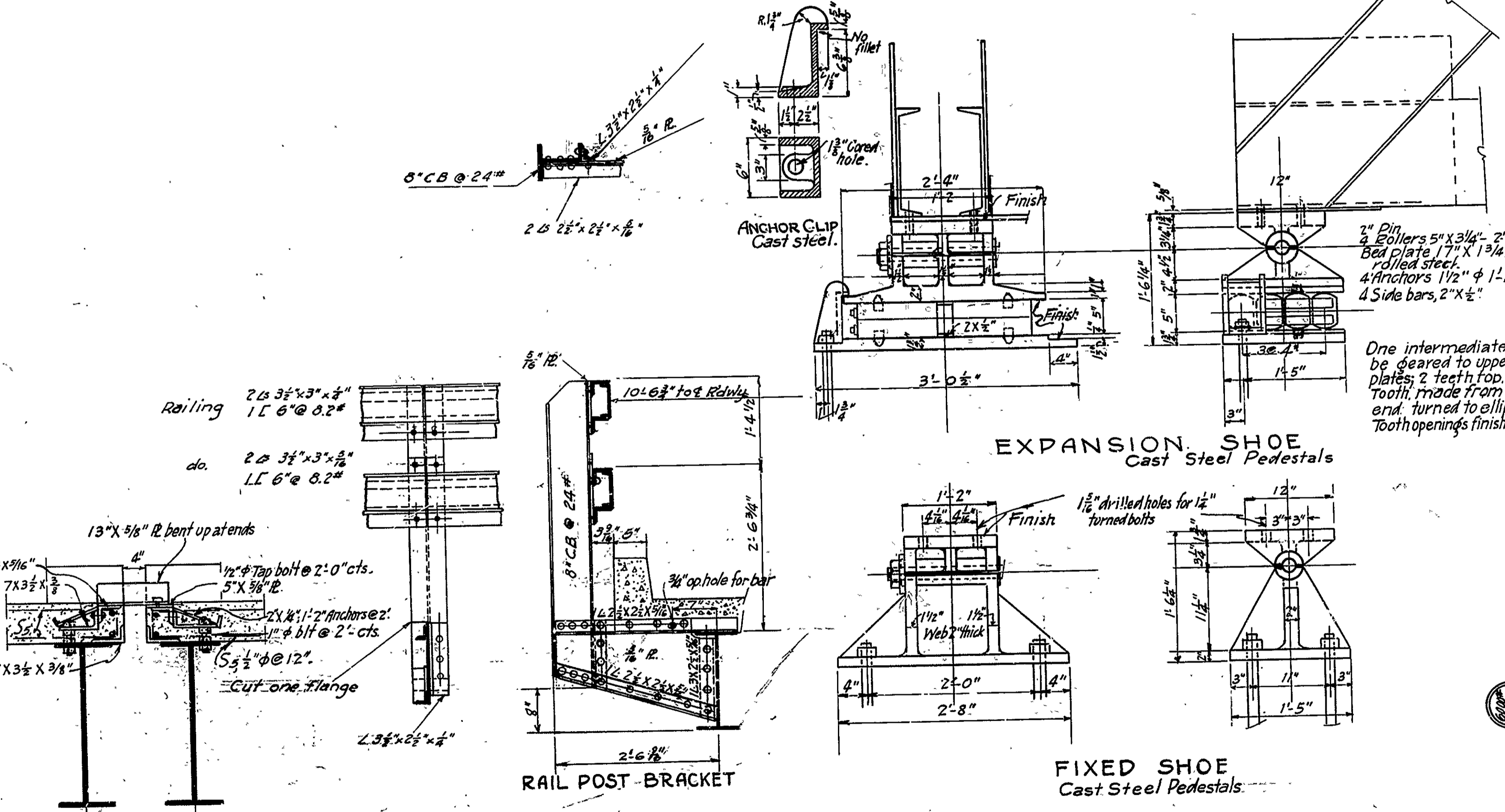
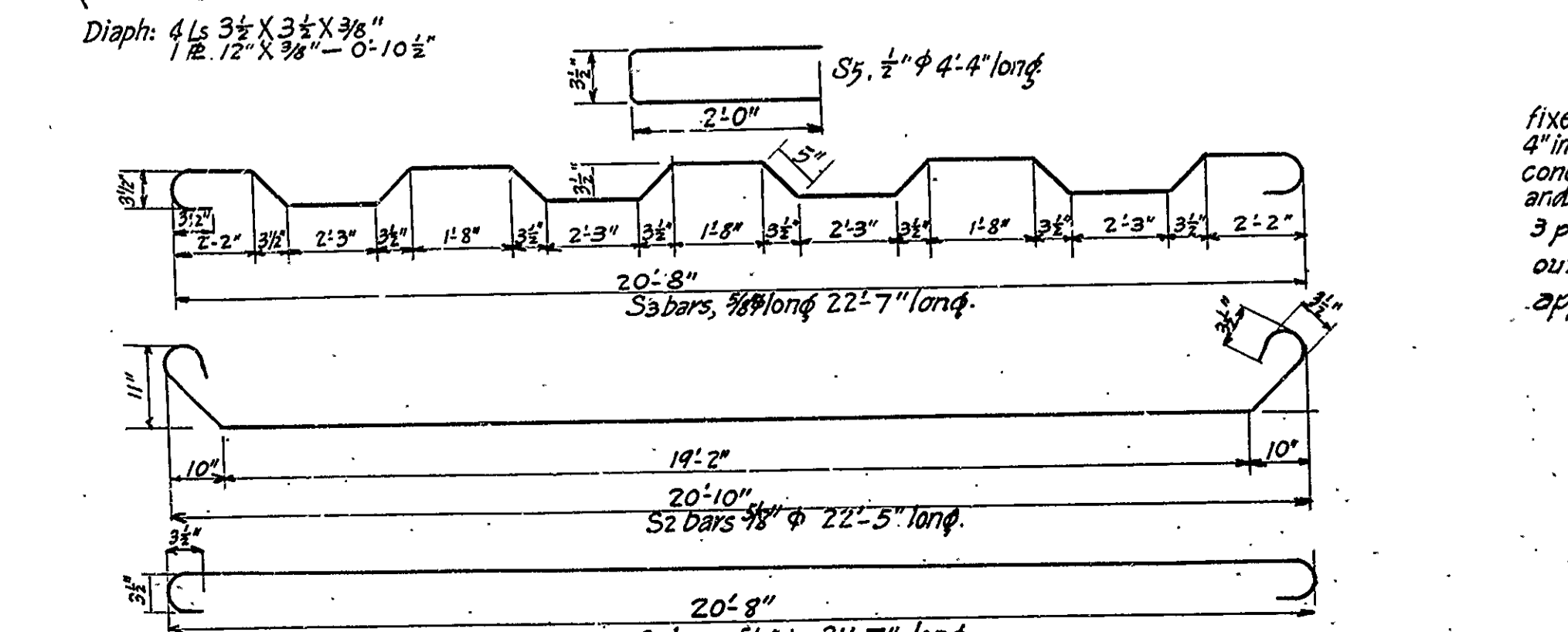
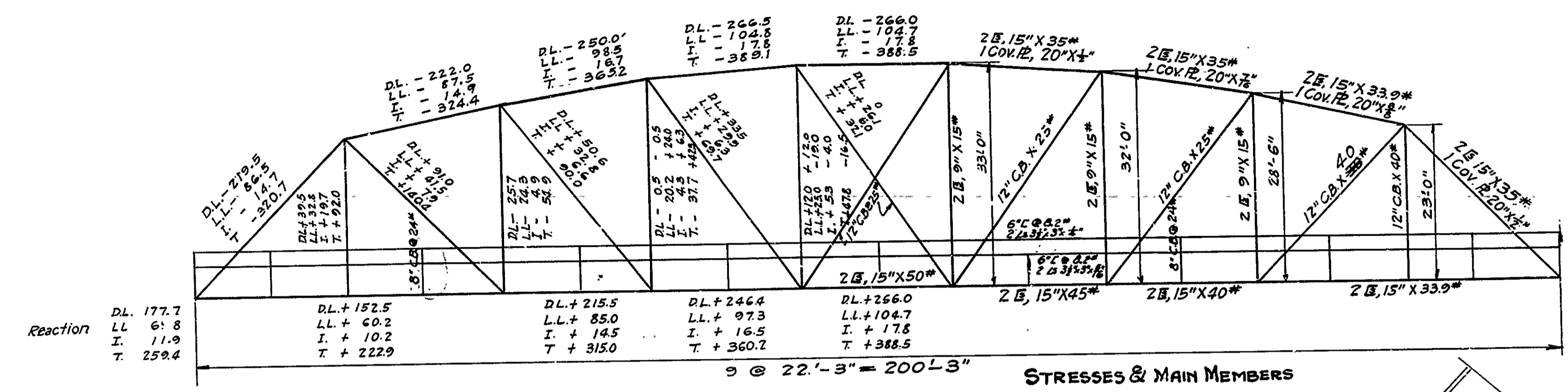
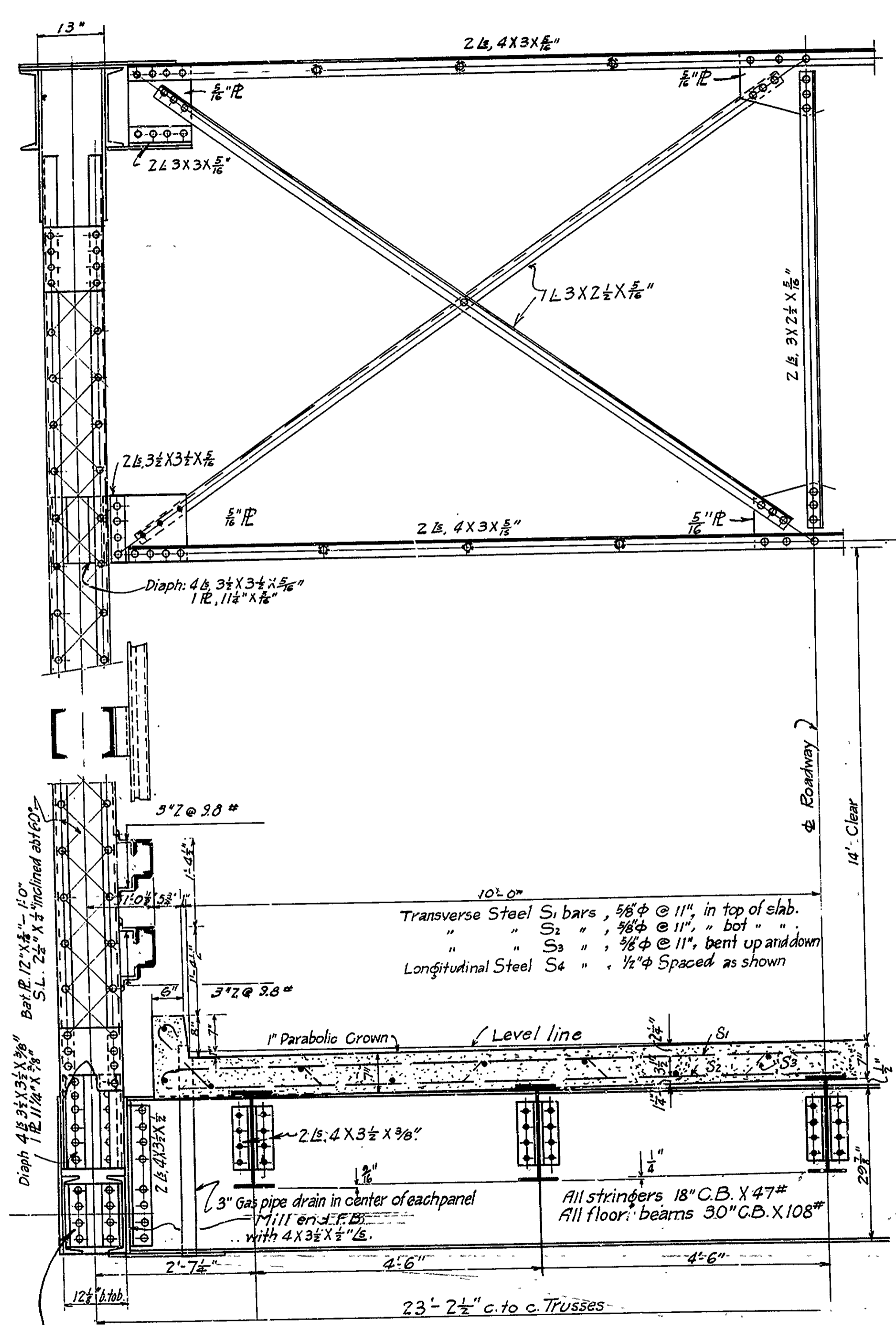
LAYOUT (SHEET 1 OF 2)  
**BRIDGE OVER CADDO RIVER**  
 CLARK COUNTY  
 ROUTE 51 SEC. 2  
**ARKANSAS STATE HIGHWAY COMMISSION**  
 LITTLE ROCK, ARK.  
 Drawn By: G.E.V. Date: 5-5-30  
 Traced By: M.O.S. Date: 2-11-30  
 Checked By: G.S.V. Date: 2-17-30  
 BRIDGE NO. 899 1/2 DRAWING NO. 1976  
 Scale: 1 in. = 20 ft.

M.B. [Signature]  
 BRIDGE ENGINEER

*Handwritten note:* This sheet replaced by 1996-A

*Handwritten note:* See 1996-A

FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	7	13



NOTES:

All rivets to be 3/8" (open holes 15/16") except 3/4" rivets in flanges of 9" and 7" B, and in legs of Ls less than 3". All holes in truss connections to be punched 1/16" and reamed to size while truss is assembled; this applies to both field and shop connections. Floor beam and stringer connections to be sub-punched and reamed to size thru a metal template.

All field connections to be riveted.

All floor beams and stringers to be milled to exact length after framing angles have been riveted.

Shapes of equal or greater strength may be substituted for structural shapes shown; payment, however, will be made in accordance with sizes given herewith.

Shop paint: After complete assembly and shop work finished, all pieces shall be given one coat of red lead and raw linseed oil.

Field paint: Apply two coats, See Specifications p. 36.

Floor slab: Concrete shall be class "S". One inch has been added for wear.

This drawing shows general features of design only. Shop drawings shall be made in compliance with specifications; submitted and approved before fabrication is begun.

Specifications: Arkansas Standard Road and Bridge Specifications adopted May 30, 1925, and revised.

ESTIMATED QUANTITIES

Concrete Class "S": 97.3 Cu. yds.  
Reinforcing Steel: 18030 lbs.  
Structural Steel: 287,000 lbs.  
Cast Steel to be allowed as structural.

DETAILS

200'-3" THRU TRUSS SPAN

20 CLEAR ROADWAY

ROUTE 67 SEC. 6

ARKANSAS STATE HIGHWAY COMMISSION

LITTLE ROCK, ARK.

Drawn By: \_\_\_\_\_ Date: Sept 11 1932

Traced By: \_\_\_\_\_ Date: \_\_\_\_\_

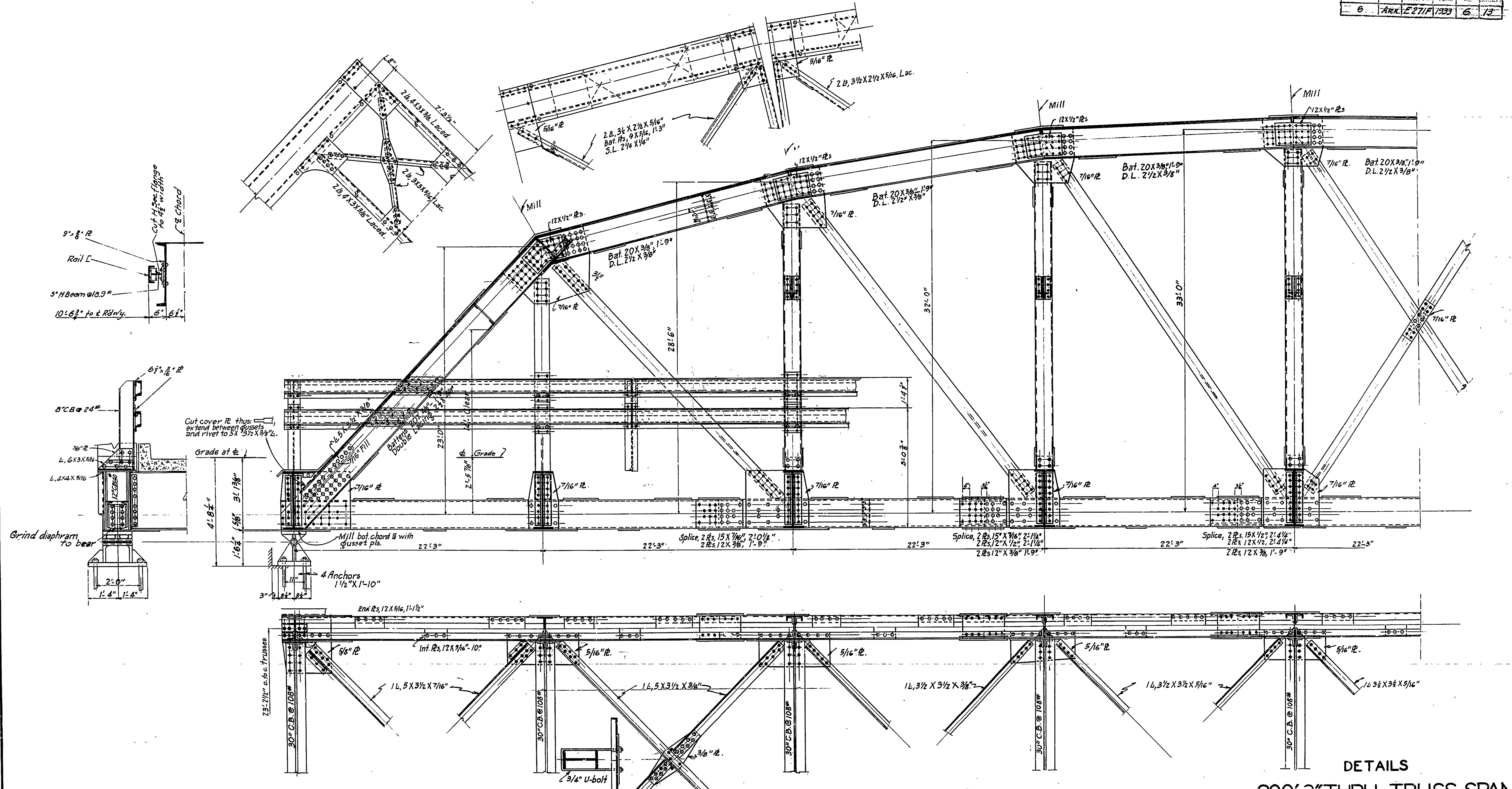
Checked By: \_\_\_\_\_ Date: \_\_\_\_\_

Scale: 1" = 10'

DRAWING NO. 2527

FISCAL YEAR	SHEET No.	TOTAL SHEETS

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
6	ARK.	E 271A	1933	6	13



NOTE: All rivets 7/8" except in flanges of 7" & 9" in and in legs of angles less than 3". See notes on Drawing No. 3537.

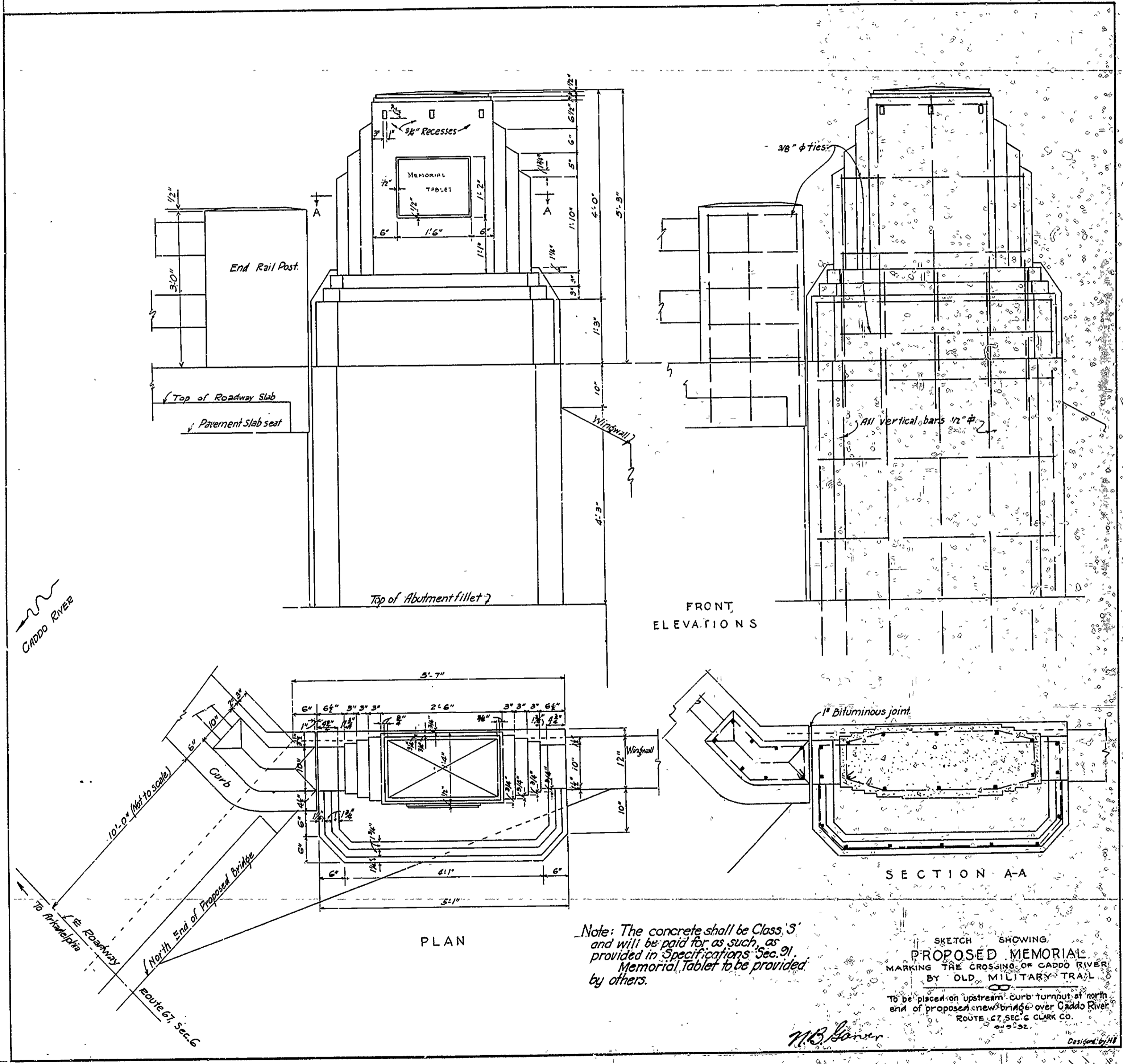
**DETAILS**  
**200'-3" THRU TRUSS SPAN**  
**20 CLEAR ROADWAY**  
**ROUTE 67 SEC. 6**  
**ARKANSAS STATE HIGHWAY COMMISSION**  
**LITTLE ROCK, ARK.**  
 Drawn By: \_\_\_\_\_ Date: \_\_\_\_\_  
 Traced By: \_\_\_\_\_ Date: \_\_\_\_\_  
 Checked By: \_\_\_\_\_ Date: \_\_\_\_\_  
**BRIDGE No. 858**      **DRAWING No. 3536**  
 Scale: 1/2 in. = 1 ft. Details  
 1/8 in. = 1 ft. Panels

*A. B. Lawrence*  
 BRIDGE ENGINEER



293

Attach to Sheet No. 3



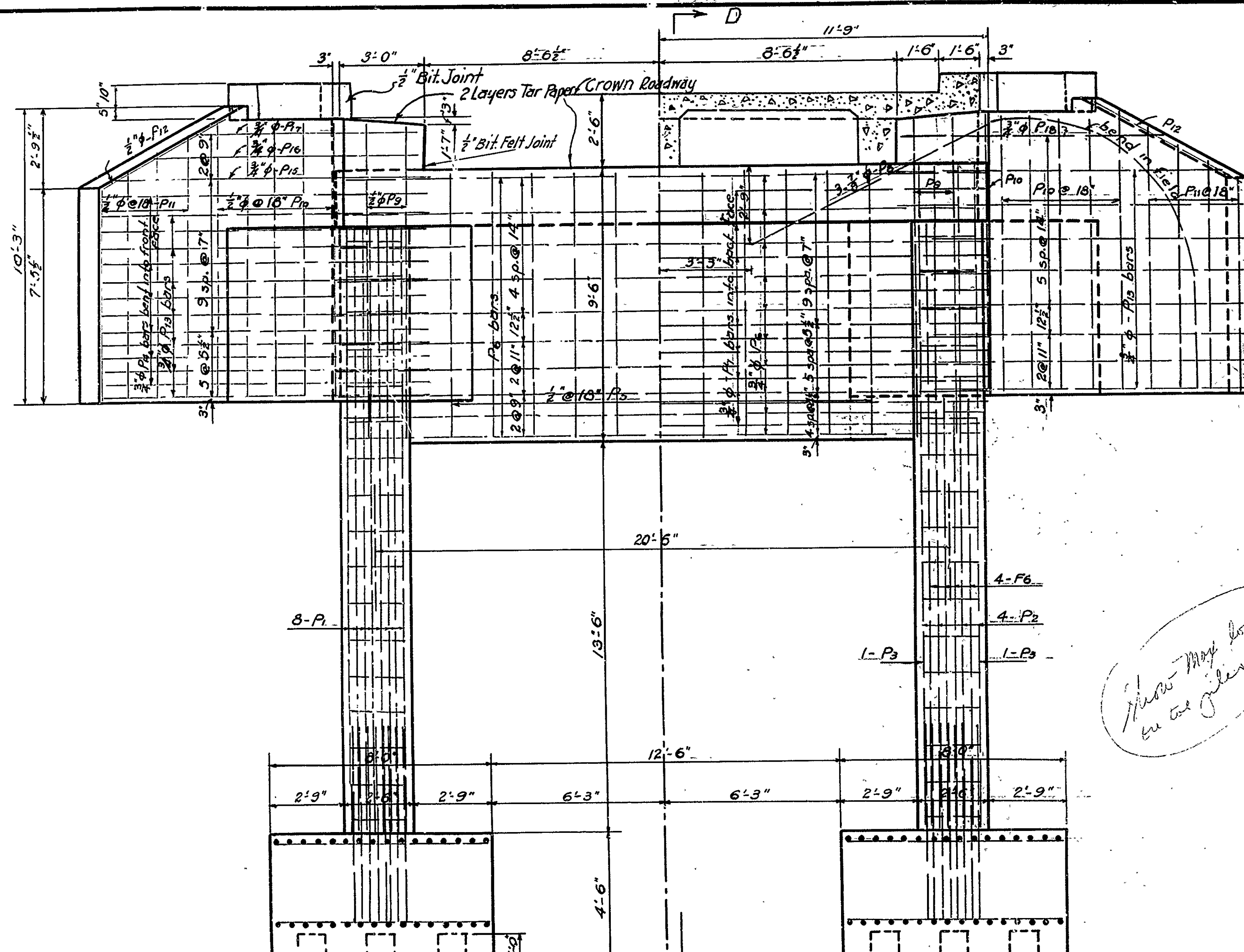
Note: The concrete shall be Class 'S' and will be paid for as such, as provided in Specifications, Sec. 91. Memorial Tablet to be provided by others.

SKETCH SHOWING PROPOSED MEMORIAL MARKING THE CROSSING OF CADDO RIVER BY OLD MILITARY TRAIL. To be placed on upstream curb turnout at north end of proposed new bridge over Caddo River ROUTE 67, SEC. 6 CLARK CO. MISSISSIPPI.

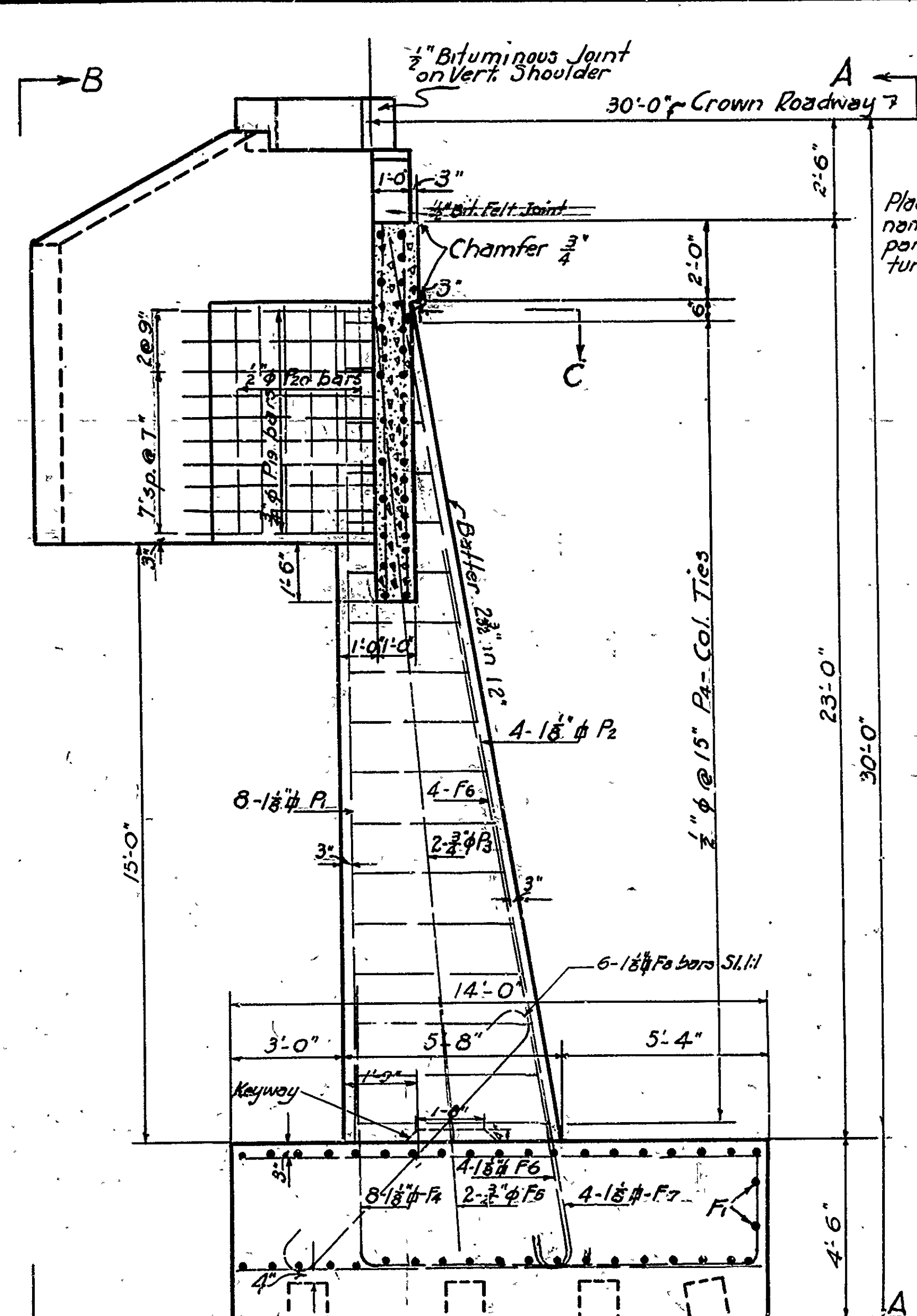
M.B. Lantz

DESIGNED BY M.B. LANTZ  
DRAWING NO. 1881-A

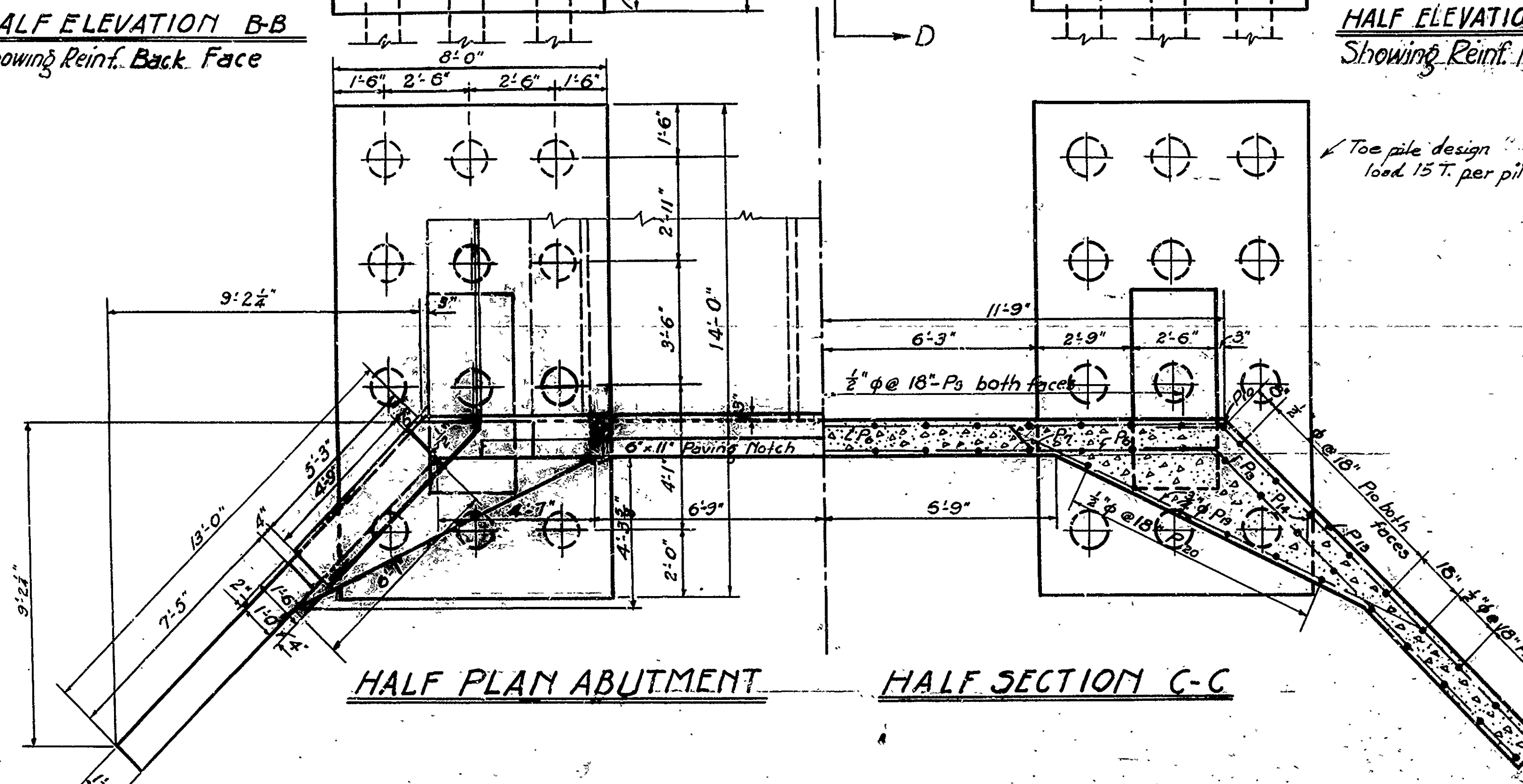
FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1933	3	13



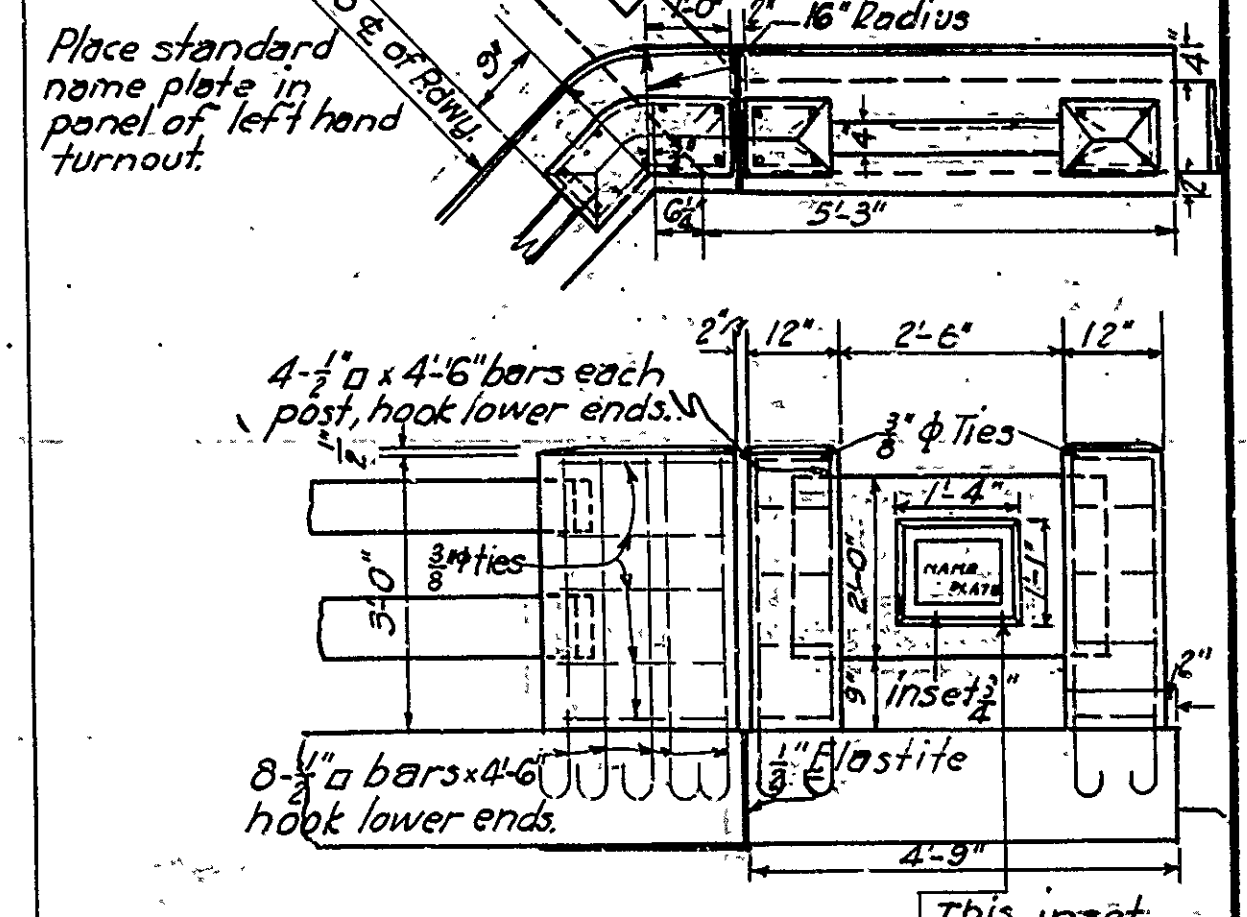
HALF ELEVATION A-A  
Showing Reinf. front face



SECTION D-D



HALF PLAN ABUTMENT      HALF SECTION C-C



DETAILS OF HAND RAIL TURNOUT

MARK	SIZE	LENGTH	A	B
F4	1 1/2" φ	9'-7"		
F6	1 1/2" φ	13'-3"	17'-11"	
F7	1 1/2" φ	8'-0"	6'-8"	
P7	3/4" φ	23'-8"		
P8	1" φ	24'-6"		
P13	3/4" φ	14'-7"	12'-7"	2'-0"
P15	3/4" φ	13'-0"	11'-0"	2'-0"
P16	3/4" φ	12'-0"	9'-10"	3'-0"
P17	3/4" φ	10'-7"	7'-7"	3'-0"
P18	3/4" φ	11'-7"	8'-7"	3'-0"
P4	1/2" φ	Var. 8'-2" to 15'-5"		
P14	3/4" φ	15'-5"		
F8	1 1/2" φ	11'-4"		

DETAILS ABUTMENT NO. 1  
CADDO RIVER BRIDGE  
CLARK COUNTY

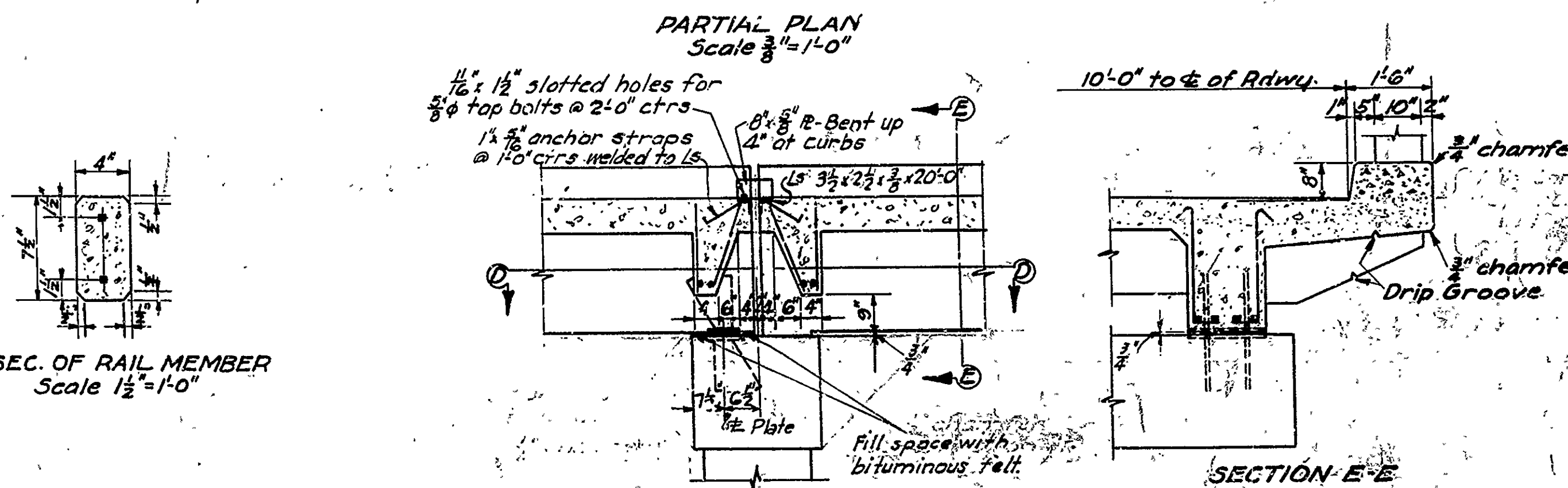
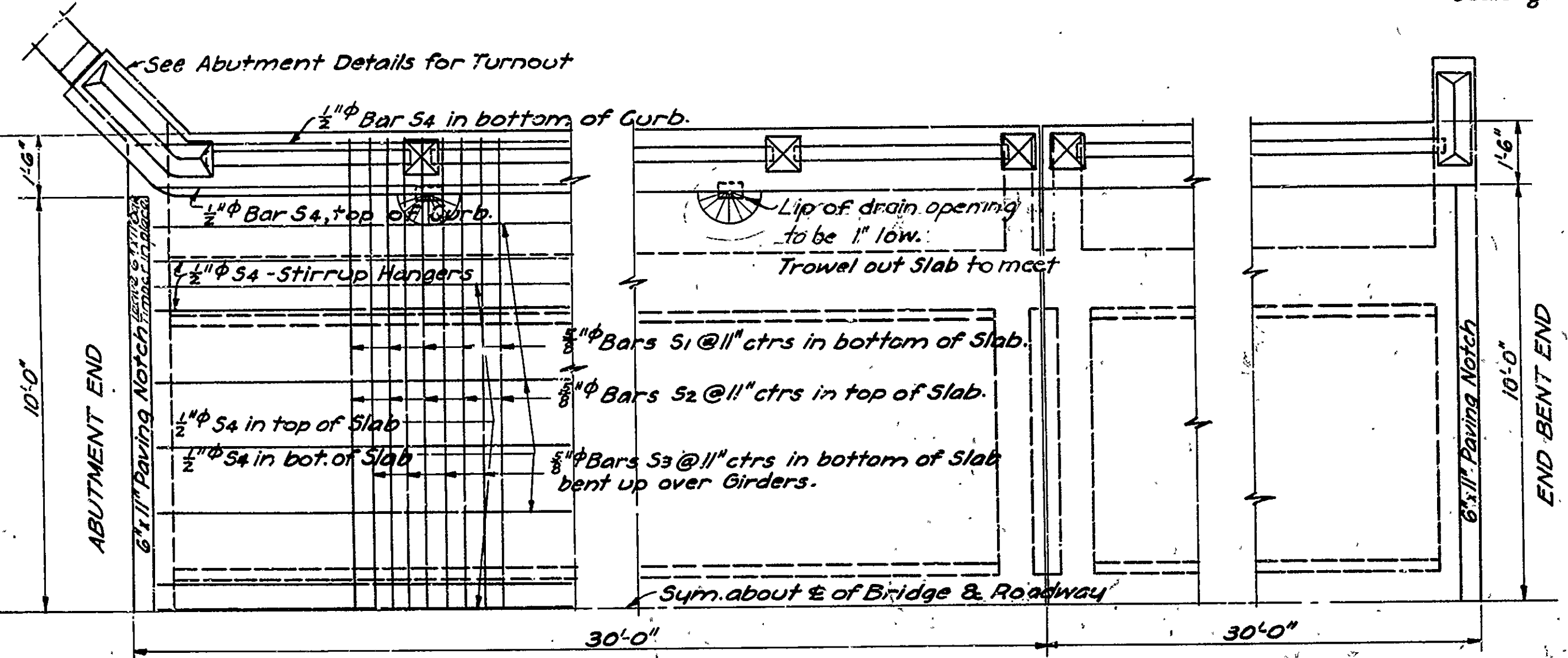
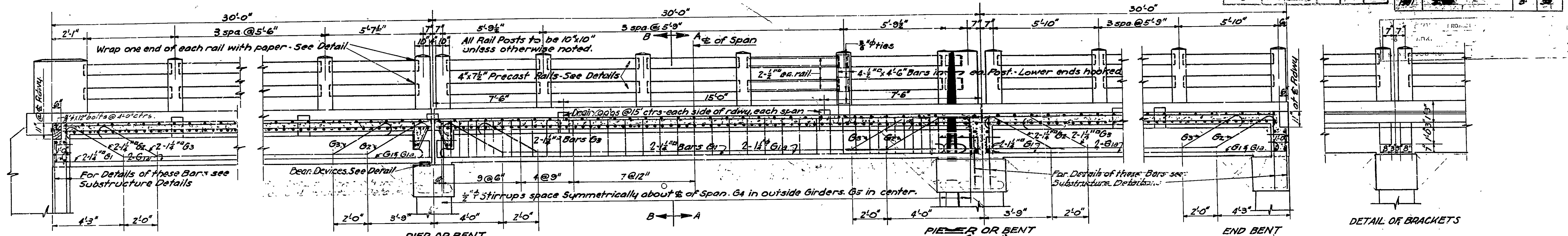
ROUTE 67 SEC. 5  
ARKANSAS STATE HIGHWAY COMMISSION  
LITTLE ROCK, ARK.  
Scale: 3/8" = 1'-0"  
BRIDGE NO. 899      DRAWING NO. 1481

*These may load on the piles*

Toe pile design load 15 T. per pile.

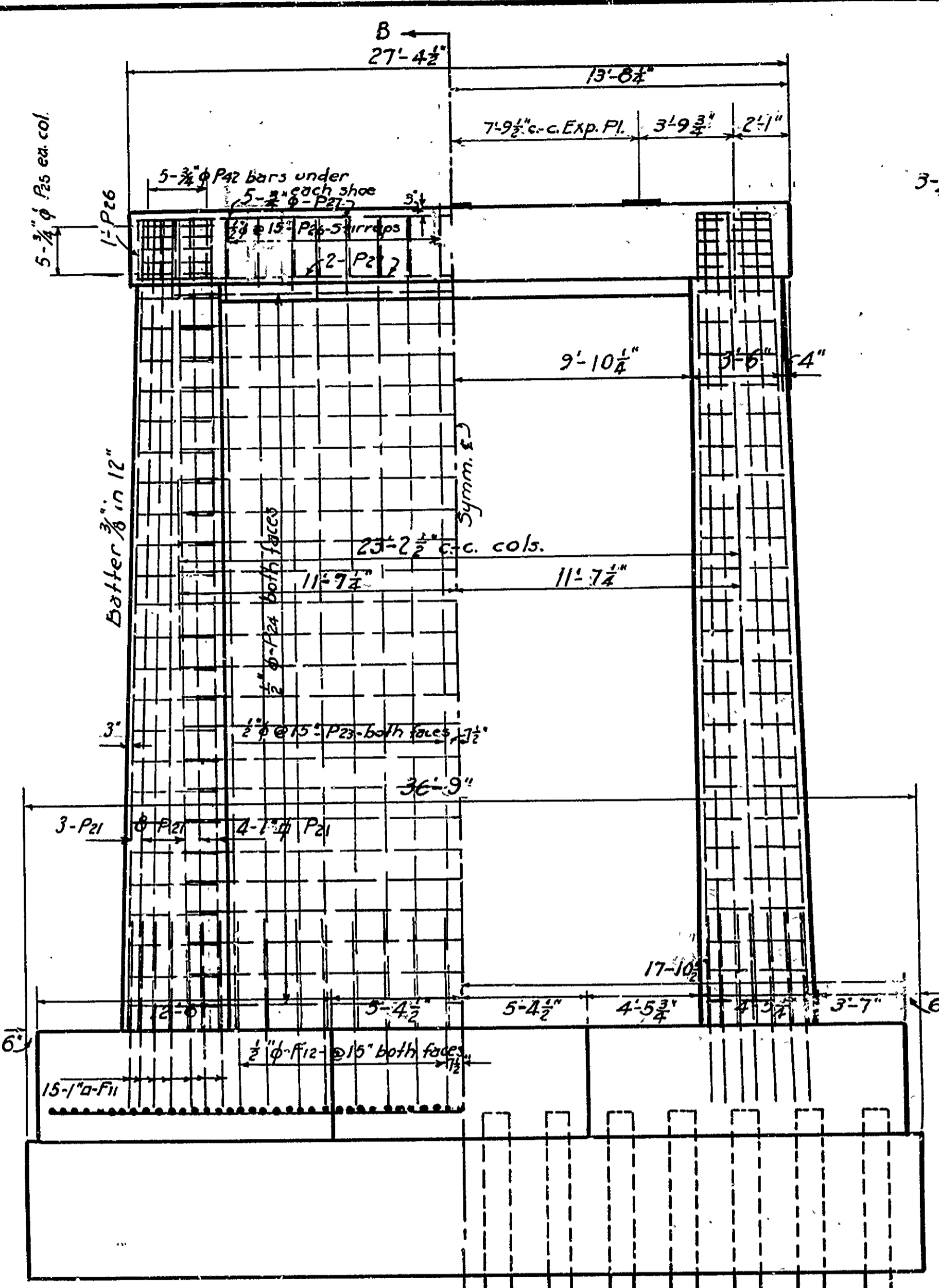
Drawn By: \_\_\_\_\_ Date: \_\_\_\_\_  
Traced By: \_\_\_\_\_ Date: 3-23-32  
Checked By: \_\_\_\_\_ Date: \_\_\_\_\_

FIG. NO.	STATION	DATE	TOTAL SHEETS
0			2

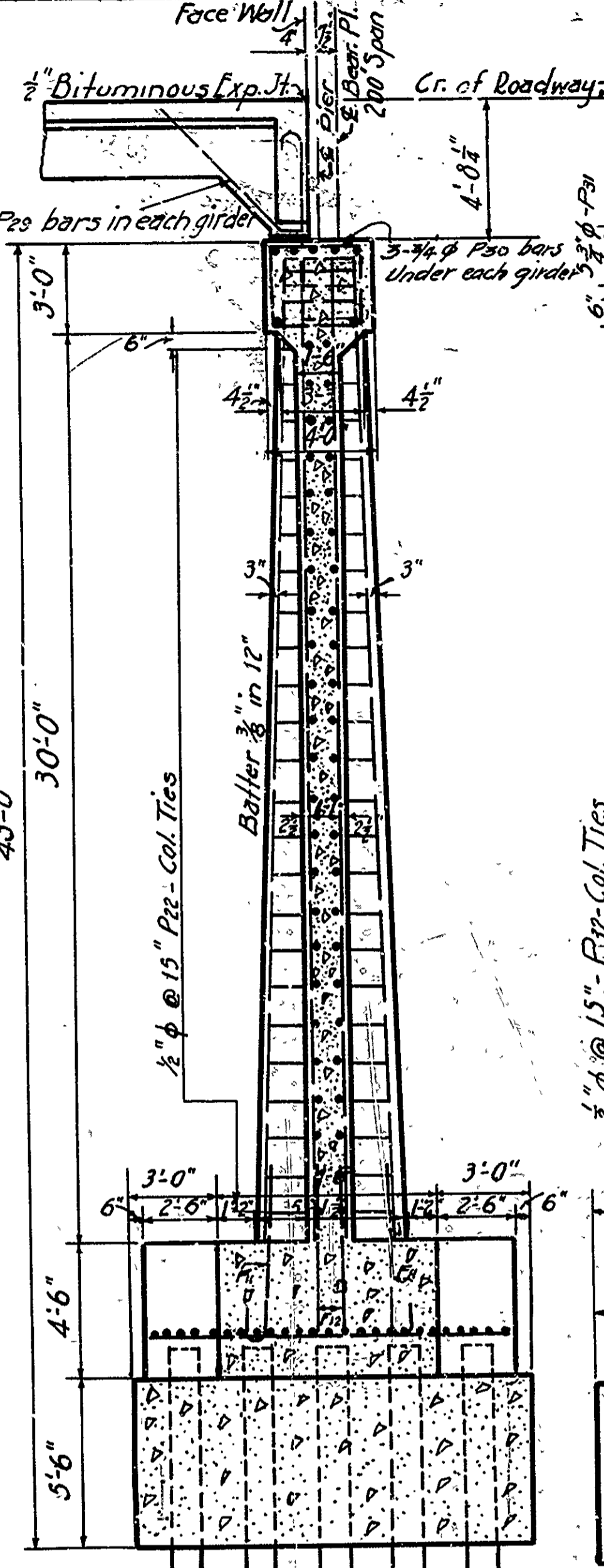


**DETAILS OF STANDARD 30'-0" R.C.D. GIRDER 3 GIRDER TYPE 20'-0" CLEAR RDWY.**  
**ROUTE SEC.**  
**ARKANSAS STATE HIGHWAY COMMISSION**  
 LITTLE ROCK, ARK.  
 Drawn By: [Signature] Date: 3-25-30  
 Traced By: [Signature] Date: 3-25-30  
 Checked By: [Signature] Date: 3-25-30  
 Scale: as noted  
 BRIDGE NO. 155 SEC. 5 DRAWING NO. 2272

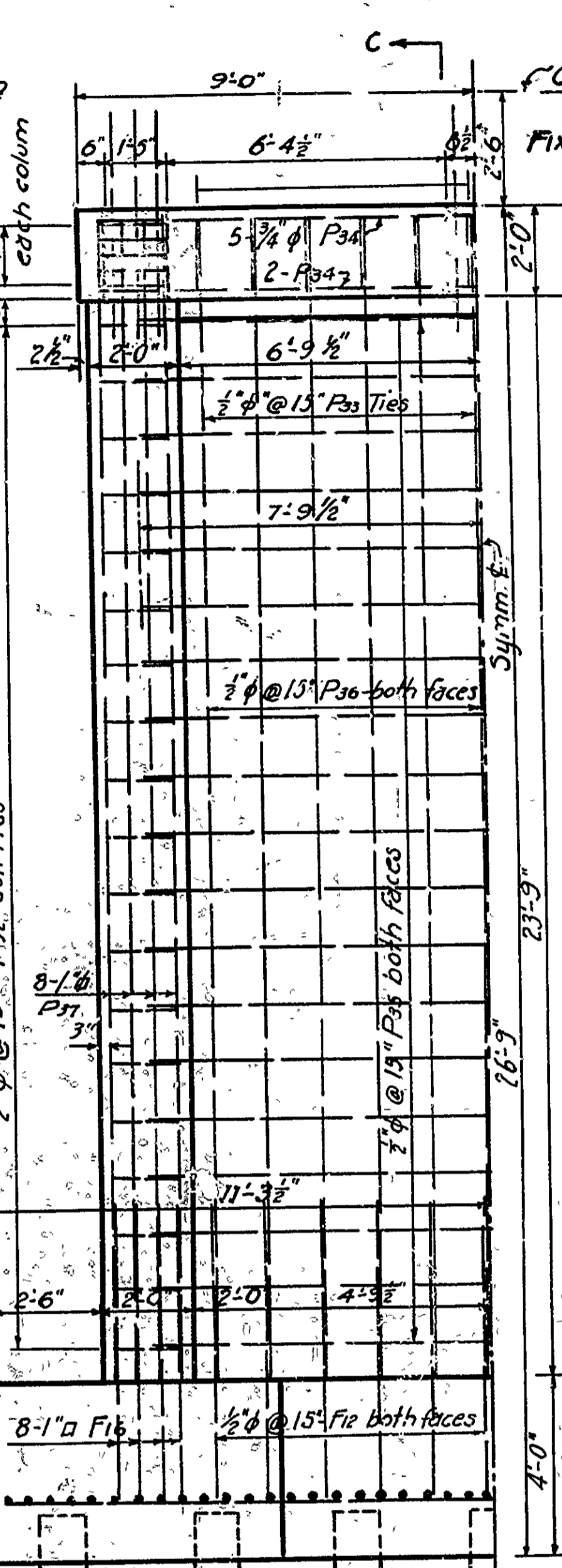
FISCAL YEAR	SHEET NO.	TOTAL SHEETS
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.
6	ARK.	E 271 F 1935
		PROJECT TOTAL SHEETS
		12



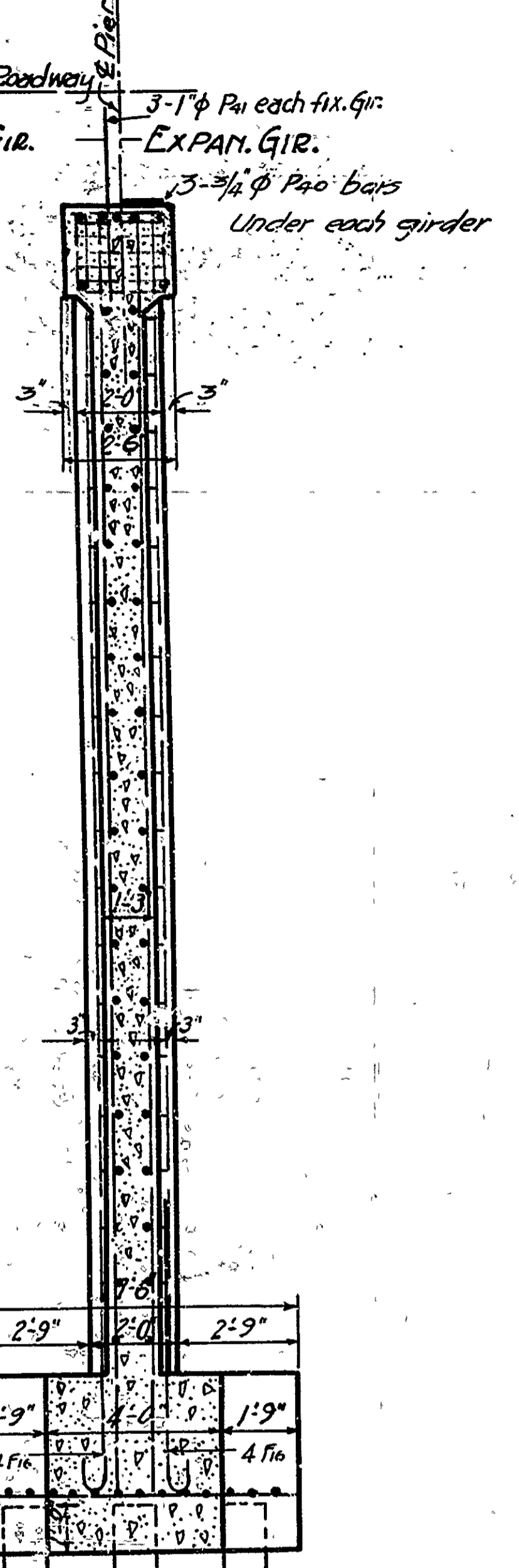
HALF ELEV. A-A  
Showing Reinf. Steel



SECTION B-B

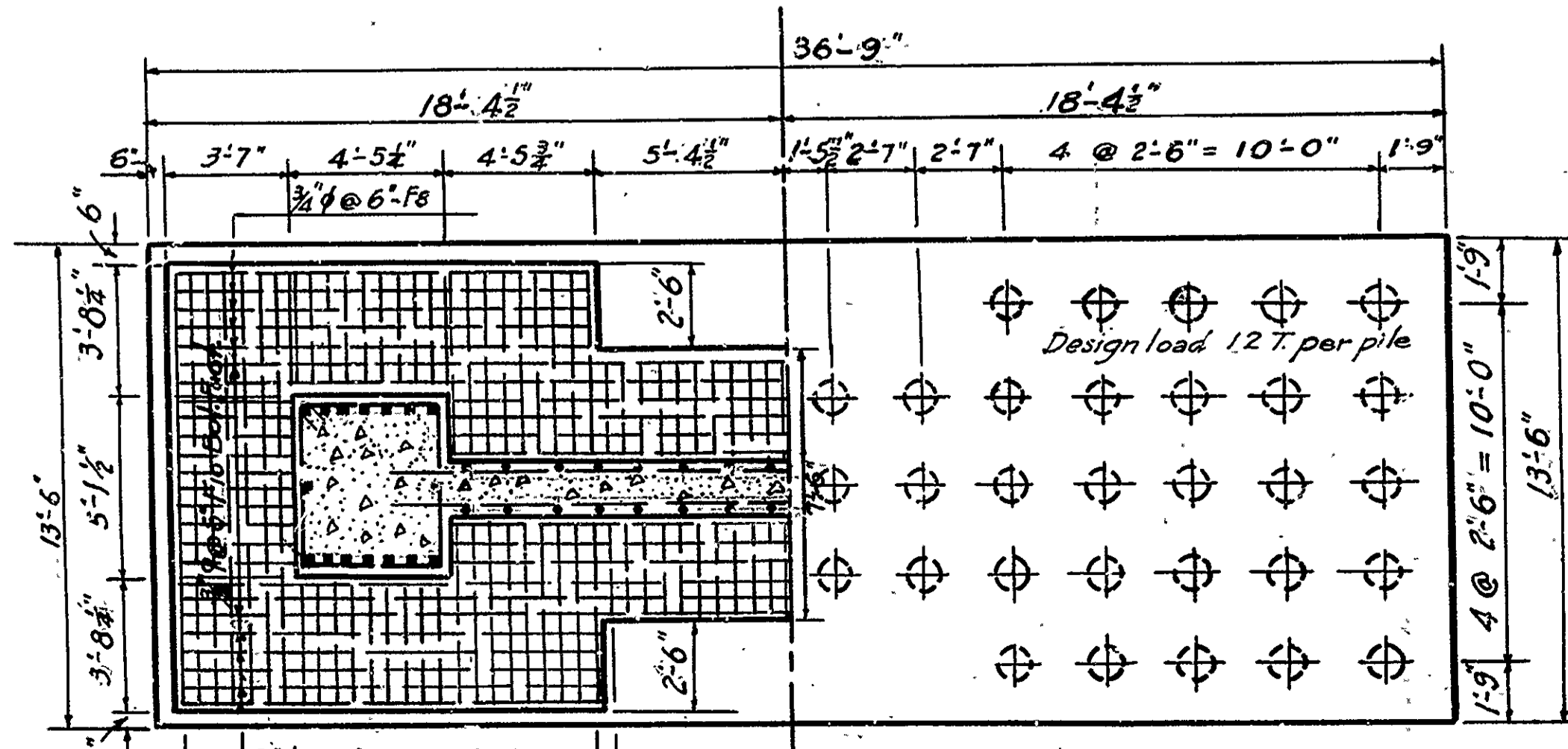


HALF ELEV. PIERS 1 & 2

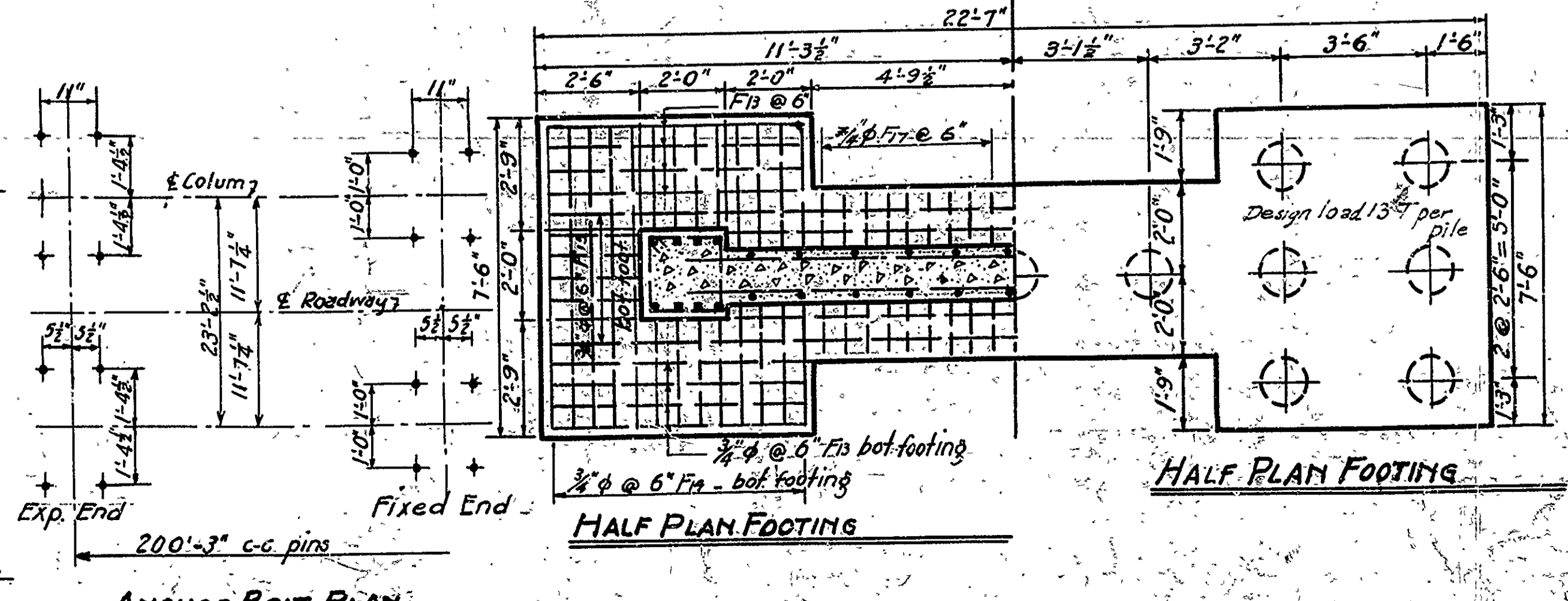


SEC. C-C

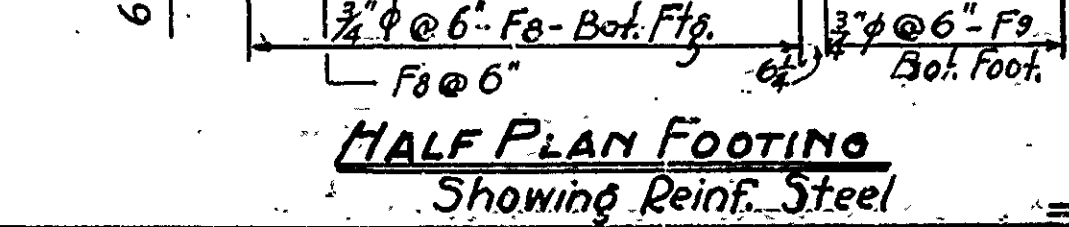
MARK	SIZE	LENGTH	A	B	Bending Diagram
P22	1/2" φ	12'-3"	2'-11"	5'-1 1/2"	
		18'-2"	4'-0"	4'-8 1/2"	
P25	3/4" φ	13'-5"	2'-10 1/2"	3'-5 1/2"	
P26	1/2" φ	13'-2"	2'-7 1/2"	3'-7 1/2"	
P31	3/4" φ	7'-2"	1'-7 1/2"	1'-7 1/2"	
P32	1/2" φ	7'-2"	1'-7 1/2"	1'-7 1/2"	
P33	1/2" φ	8'-2"	1'-7 1/2"	2'-1 1/2"	
P42	3/4" φ	8'-3"	2'-6"	3'-2 3/4"	
P23	3/4" φ	10'-6"			
P40	3/4" φ	8'-2"	1'-7 1/2"	2'-1 1/2"	
P40	3/4" φ	13'-2"	2'-7 1/2"	3'-7 1/2"	
F11	1" φ	7'-11"	6'-11"		
F16	1" φ	7'-0"	6'-0"		



HALF PLAN OF SEAL  
Showing Piling  
DETAILS PIERS 2 & 3



ANCHOR BOLT PLAN  
For Piers 2 & 3



HALF PLAN FOOTINGS  
Showing Reinf. Steel

DETAILS OF PIERS 1,2,3, & 4  
BRIDGE OVER GADDO RIVER  
CLARK COUNTY

ROUTE 57 SEC. 6  
ARKANSAS STATE HIGHWAY COMMISSION  
LITTLE ROCK, ARK.

Drawn by: W.A.P. Date: 8-22-32  
Traced by: H.L.H. Date: 8-26-32  
Checked by: Date:  
Scale: 3/8" = 1' n  
BRIDGE No. 899 DRAWING No. 1882

