

FED. ROAD DIST. NO.	STATE	U.S. PUB. WORKS PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	ARK.	NRS 333-A	1934	1	25

JOB NO 4170

STATE OF ARKANSAS  
STATE HIGHWAY COMMISSION

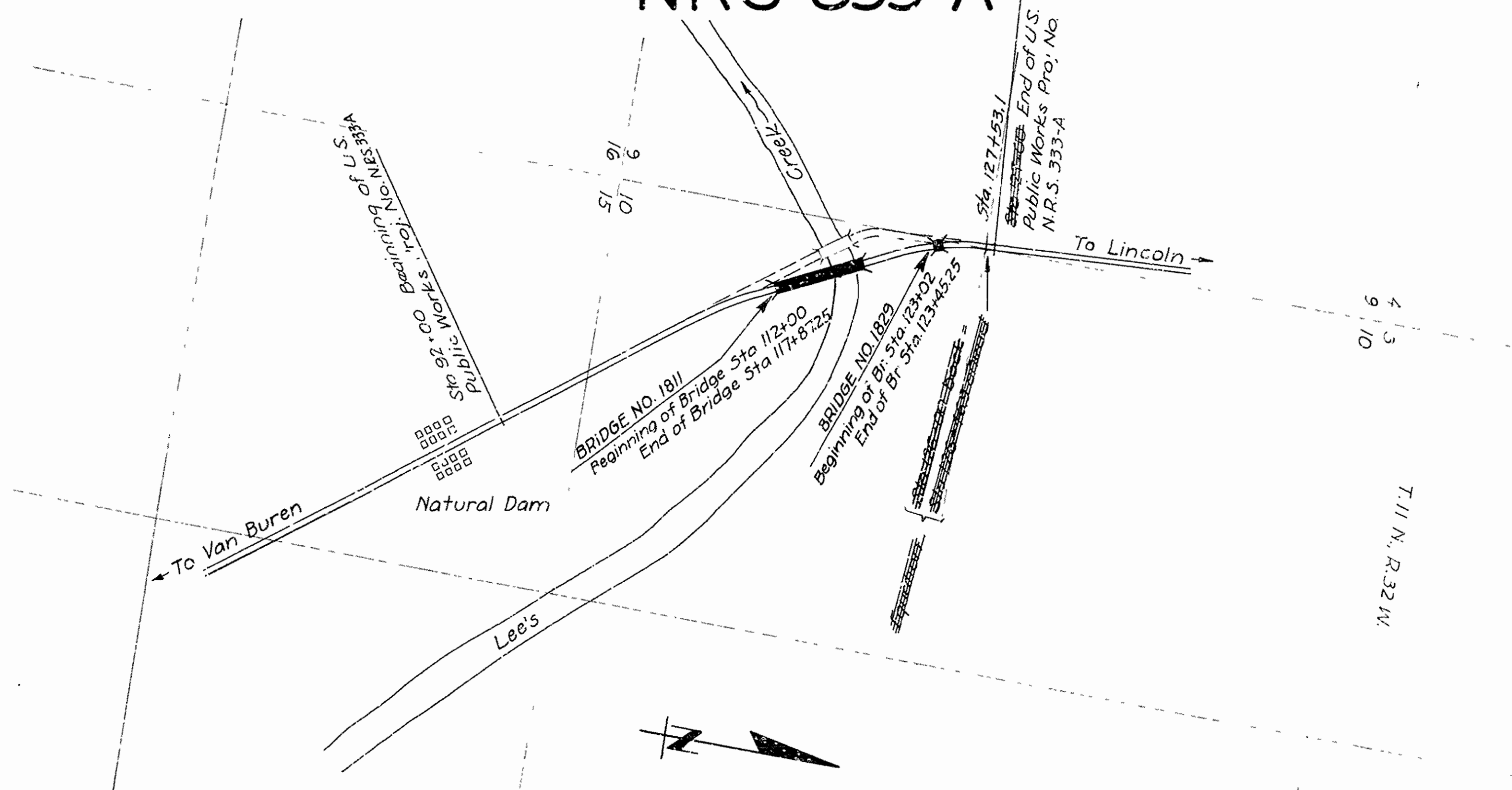
INDEX OF SHEETS

Sheet No	Drawg No	Title
1	3658	Title Sheet
2	3659	Schedule of Quantities
3	3660	Plan and Profile Earth Approaches-Br No 1811
4	3661	" " " " Br.No 1829
5	F51	Typical Earthwork Sections -30' Crown
6	W53	Superelevation and Widening of Curves
7	W53 A	" " " " " "
8	W53 B	" " " " " "
9	3662	Layout of Bridge No 1811
10	2163	Standard 50' I-Beam Span, Br.No 1811
11	2435	Standard 140' Thru Truss Span, Br.No 1811
12	3663	Details of Abutment No. 1, Bridge No.1811
13	3664	Details of Bents No.1,2,3,4 &5, Br.No.1811
14	3665	Details of Piers No 1 & 2, Br No.1811
15	3666	Details of Abutment No.2, Br.No.1811
16	3667	Layout of Bridge No. 1829
17	3668	Details of Superstructure, Br No 1829
18	3669	Details of Abutment No.1, Br.No.1829
19	3670	Details of Abutment No.2, Br.No.1829
20	1885	Details of Embankment Construction at Bridge Ends
21	2386	Details of Standard F.A.P. and Right-of-Way Markers
22,23 & 24	3671-3673	Gross Sections

**PLAN OF PROPOSED BRIDGES**  
OVER  
LEE'S CREEK  
CRAWFORD COUNTY  
ROUTE 45 SEC. 2  
JOB NO 4170  
U. S. PUB. WORKS PROJ. NO.  
NRS 333-A

QUANTITIES

Item No.	Item	Quantity	Unit
12	Unclassified Excavation	23,318	Cu.Yds.
12	Solid Rock Excavation	1,362	Cu.Yds.
5.P	Fence Moved & Replaced	246	Rods
5.P	Traffic Service Gravel	806	Cu.Yds.
13	Dry Excavation for Structures	704	Cu.Yds.
13	Wet Excavation for Structures	470	Cu.Yds.
13	Solid Rock Excavation for Structures	229	Cu.Yds.
54	Glass "A" Concrete (In Markers)	0.8	Cu.Yds.
55	Reinforcing Steel(In Markers)	148	Lbs.
65	Sodding	244	Squares
91	Glass "A" Concrete for Bridges	614.8	Cu.Yds.
91	" " " " " "	349.9	Cu.Yds.
92	Reinforcing Steel for Bridges	122,827	Lbs.
94	Concrete Railing for Bridges	702	Lin.Ft.
96	Structural Steel (I-Beams)	211,187	Lbs.
96	Structural Steel (Trusses)	351,045	Lbs.
5.P	Bronze State Bridge Name Plates	4	Each
5.P	Bronze Project Marker Plates	2	Each
5.P	Removal of Existing Structures & Maintaining		
95	Traffic Rip Rap	Lump Sum 201	Cu.Yds.



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:

Pamphlet	Revised	Month	Year	Approved	Date
A	K	Dec.	1st, 1931	June L.	Nov. 21, 1932
"	L	Feb.	10th, 1933	"	"
"	M	Mar.	1st, 1931	"	June 13, 1931
"	N	Oct.	1st, 1933	"	"
"	O	Oct.	1st, 1933	"	"
"	J	Nov.	1, 1931	"	Nov 21, 1932

SPECIAL PROVISIONS

Item	No. of Sheets
Subletting Labor & N.R.A. Code Compliance	13 Sheets
Beginning and Prosecution of Work	1 Sheet
Removal of Existing Structures and Maintaining Traffic	1 Sheet
Traffic Service Gravel	3 Sheets
Bronze Project Marker Plates and State Bridge Name Plates	1 Sheet
Fence Moved & Replaced	1 Sheet
Engineers Field Office	1 Sheet

LAYOUT

Scale: 1" = 600'

LENGTH OF PROJECT	= 3553.1' = 0.672 Mi.
LENGTH OF BRIDGES	= 620.6' = 0.119 Mi.
LENGTH OF EMBANKMENT	= 2922.6' = 0.553 Mi.
LENGTH OF JOB	= 3553.1' = 0.672 Mi.

APPROVED [Signature]

CHIEF ENGINEER U.S. BUREAU OF PUBLIC ROADS

APPROVED [Signature]

DISTRICT ENGINEER U.S. BUREAU OF PUBLIC ROADS

APPROVED [Signature]

CHIEF, U.S. BUREAU OF PUBLIC ROADS

APPROVED [Signature]

CHAIRMAN STATE HIGHWAY COMMISSION

APPROVED [Signature]

STATE HIGHWAY ENGINEER

*N.R. Lamer*  
BRIDGE ENGINEER  
BRIDGES No. 1811 & 1829

DRAWING NO. 3658

### ROADWAY QUANTITIES

Item No. 12 Unclassified Excavation	
From Sta. 92+00 To Sta. 127+00	23318 Cu. Yds.
Total	23318 Cu. Yds.

Item No. 12 Solid Rock Excavation	
From Sta. 92+00 to Sta. 127+00	1366 Cu. Yds.
Total	1366 Cu. Yds.

Item No. S.P. Fence Moved and Replaced	
Sta. 92+00 to Sta. 111+00	230 Rods
Sta. 124+75 to Sta. 127+00	16 Rods
Total	246 Rods

Item No. S.P. Traffic Service Gravel	
Sta. 92+00 to Sta. 127+00	806 Cu. Yds.
Total	

Item No. 54 Class "A" Concrete	
2 F.A.P. Markers	0.26 Cu. Yds.
20 R/W Markers	0.54 Cu. Yds.
Total	0.8 Cu. Yds.

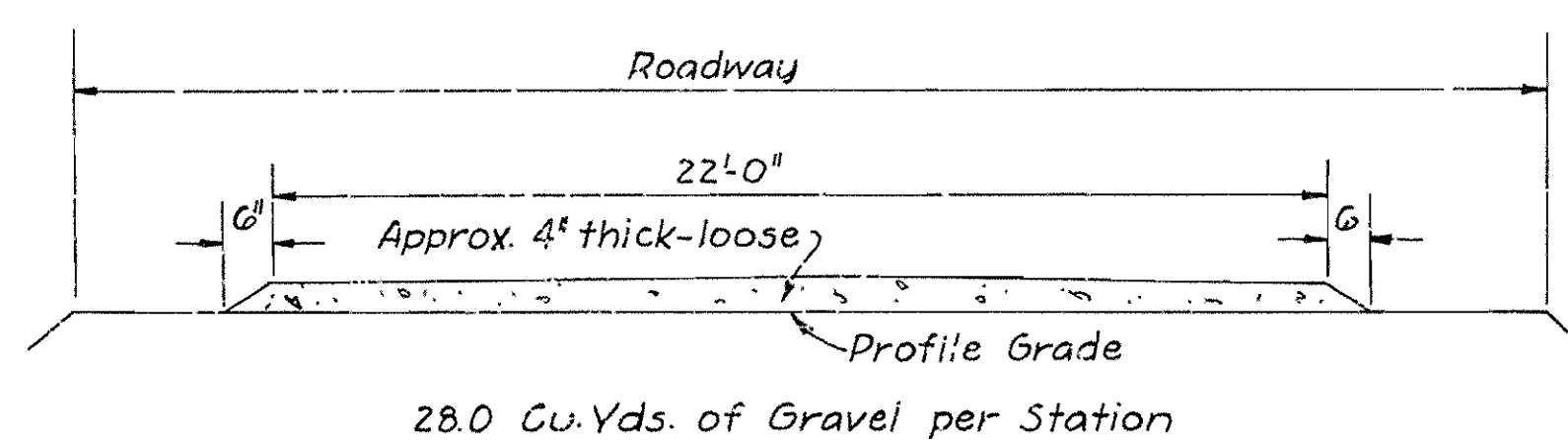
Item No. 55 Reinforcing Steel	
2 F.A.P. Markers	30 Lbs.
20 R/W Markers	118 Lbs.
Total	148 Lbs.

Item No. 65 Sidding	
Sta. 92+00 to Sta. 127+00	244 Squares.
Total	244 Squares.

Item No. S.P. Bronze Protect Marker Plates	
At Sta. 92+00 - Right	1 Each
At Sta. 127+00 - Left	1 Each
Total	2 Each

### SCHEDULE OF BRIDGE QUANTITIES

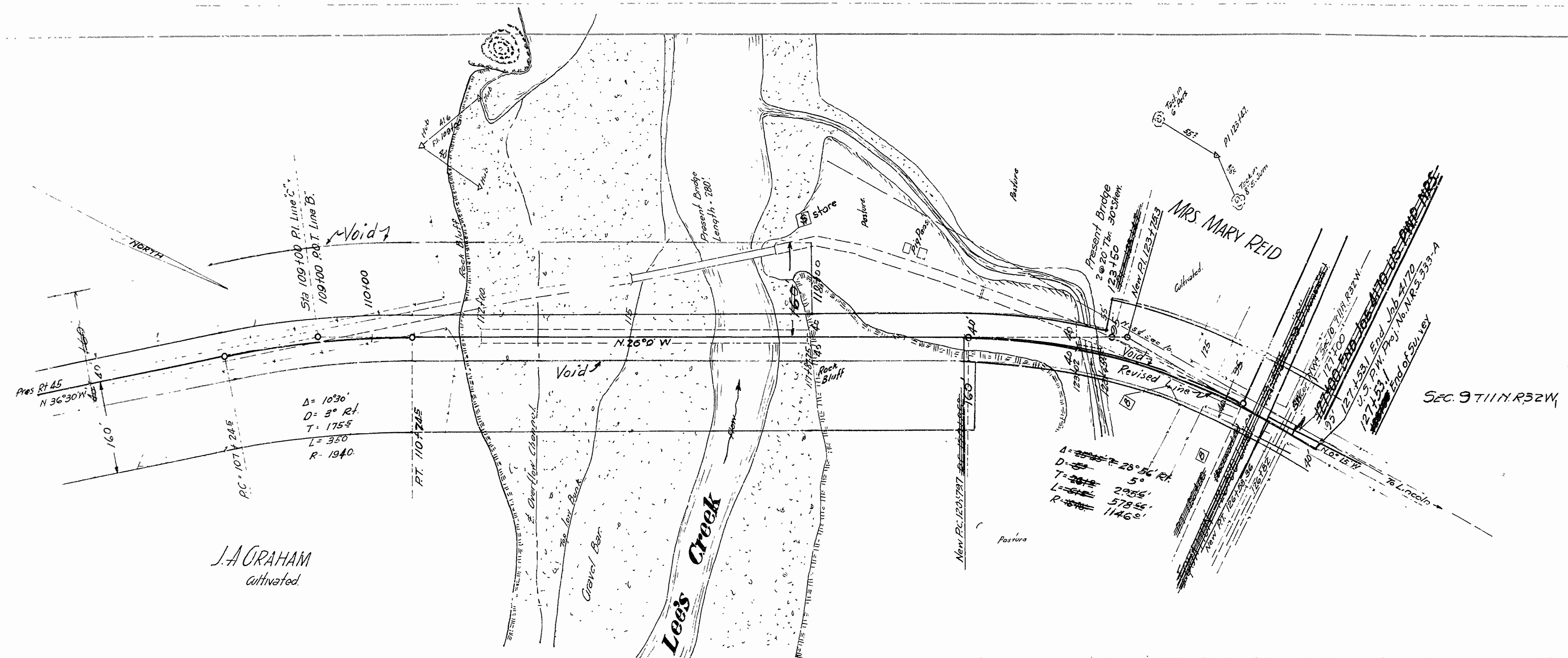
Item	Item No. 13 Dry Excav. for Structs Cu. Yds.	Item No. 13 Wet Excav. for Structs Cu. Yds.	Item No. 13 Solid Rock Excav. for Structures Cu. Yds.	Item No. 91 Class "A" Conc. for Bridges Cu. Yds.	Item No. 91 Class "S" Conc. for Bridges Cu. Yds.	Item No. 92 Reinf. Steel for Bridges Lbs.	Item No. 94 Conc. Paving for Bridges Lin. Ft.	Item No. 95 Rip Rap Cu. Yds.	Item No. 96 Structural Steel Lbs.	Item No. 92 Bronze State Bridge Name Plates Each	Item No. S.P. Removal of Exist. Structs & Maint'y Traffic Lump Sum	
6-50' I-Beam Spans	-	-	-	-	162.7	33606	607	-	185658	-	See Special Provisions	
2-140' Thru Truss Spans	-	-	-	-	156.8	29239	-	-	351045	-		
Abutment No 1	187	45	9	60.9	-	9829	-	165	-	1		
Bent No. 1	47	33	8	39.1	-	3367	-	-	-	-		
Bent No. 2	54	33	10	40.4	-	3417	-	-	-	-		
Bent No. 3	61	33	8	40.4	-	3417	-	-	-	-		
Bent No. 4	65	33	8	41.0	-	3448	-	-	-	-		
Bent No. 5	79	33	11	42.2	-	3498	-	-	-	-		
Pier No. 1	82	54	21	84.5	-	6322	-	-	-	-		
Pier No. 2	0	37	25	90.6	-	6046	-	-	-	-		
Abutment No. 2	0	0	80	29.7	-	3031	7	-	-	1		
Totals	575	301	180	468.8	319.5	105220	614	165	536703	2		
BR. NO. 1811												
Superstr. 1-40' I-Beam Span	-	-	-	-	29.4	5655	88	-	25529	-		See Special Provisions
Abutment No. 1	93	99	23	75.4	-	6122	-	10	-	1		
Abutment No. 2	36	70	26	70.6	-	5830	-	26	-	1		
Totals	129	169	49	146.0	29.4	17607	88	36	25529	2		
BR. NO. 1829												
GRAND TOTALS	704	470	229	614.8	348.9	122827	702	201	562232	4		Lump Sum



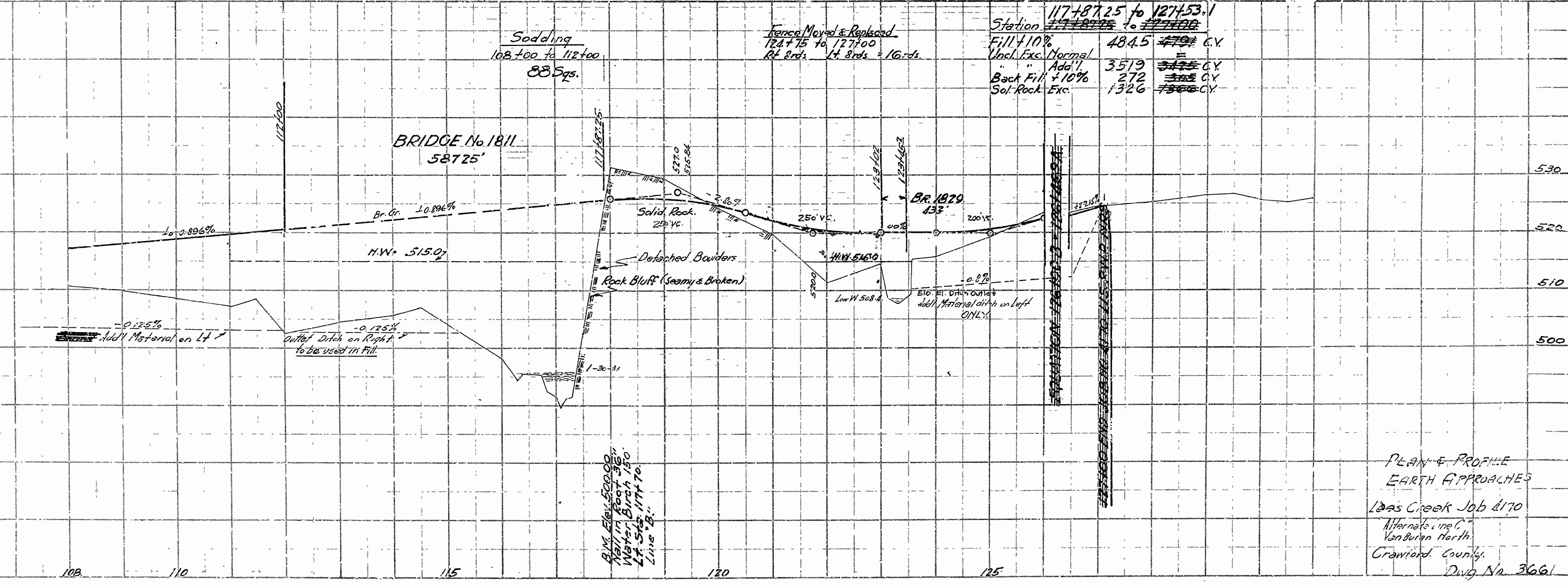
TYPICAL SECTION OF TRAFFIC SERVICE GRAVEL

SCHEDULE OF QUANTITIES  
FOR BRIDGES ON  
VAN BUREN NORTH ROAD  
CRAWFORD COUNTY  
ROUTE 45 SEC. 2  
ARKANSAS STATE HIGHWAY COMMISSION  
LITTLE ROCK, ARK.  
Drawn by: H.B. Date: 2-9-34  
Traced by: A Date: 2-12-34  
Checked by: Date

*M.B. Garver*  
Bridge Engineer

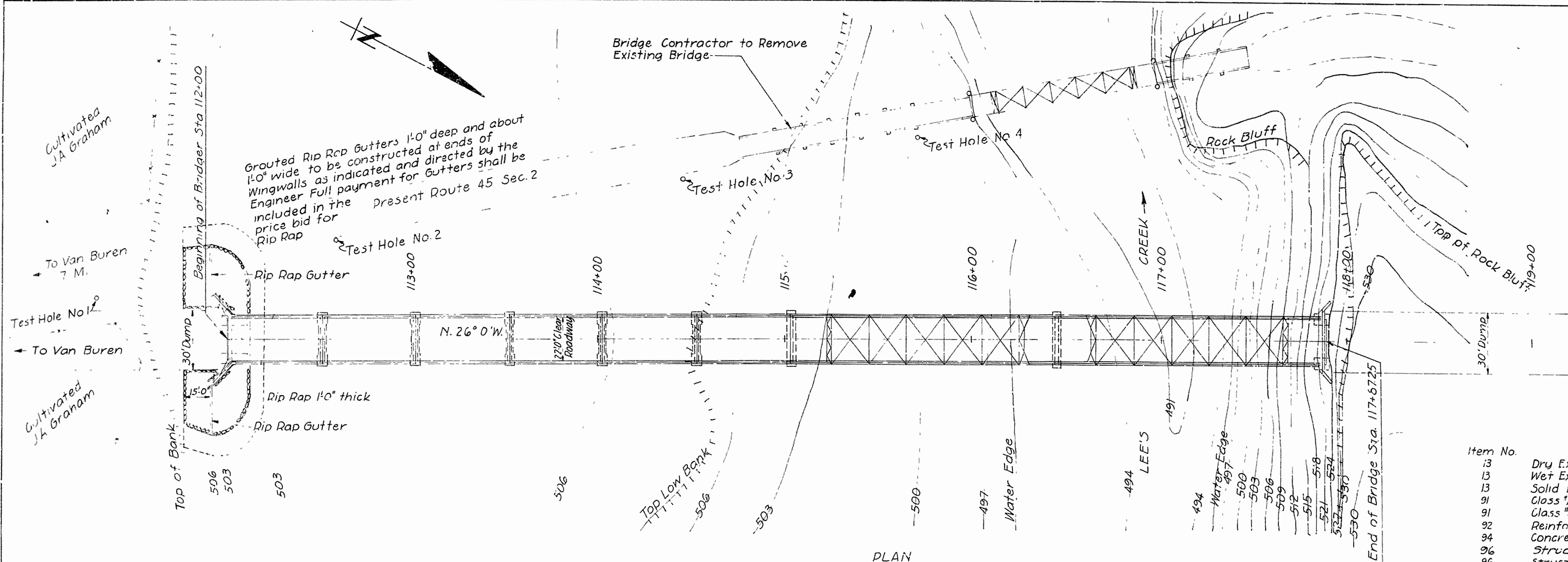


J.A. GRAHAM  
activated.



PLAN & PROFILE  
EARTH APPROACHES  
Leas Creek Job 4170  
Alternating C.  
Van Buren North  
Crawford County  
Dwg. No. 3661

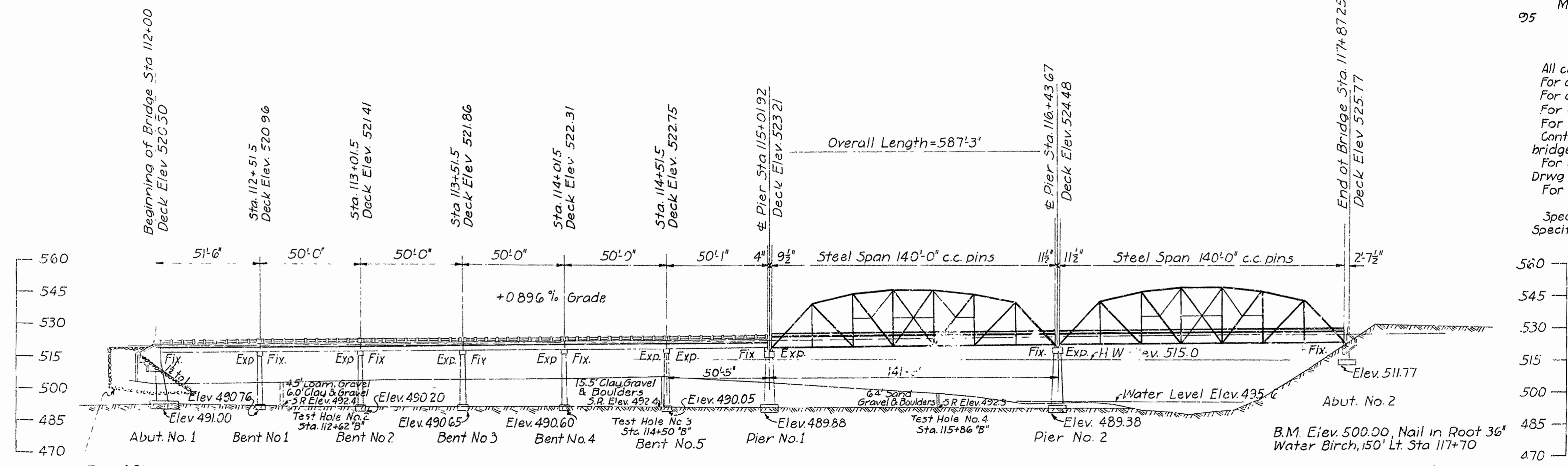
Job No. 4170



PLAN

Item No.	Quantities Item	Quantity	Unit
13	Dry Excavation for Structures	57.5	Cu.Yds
13	Wet Excavation for Structures	301	Cu.Yds
13	Solid Rock Excavation for Structures	180	Cu.Yds
91	Glass "A" Concrete for Bridges	468.8	Cu.Yds
91	Glass "S" Concrete for Bridges	319.5	Cu.Yds
92	Reinforcing Steel for Bridges	105,220	Lbs
94	Concrete Railing for Bridges	612	Lin Ft.
96	Structural Steel (I-Beams)	185,652	Lbs
96	Structural Steel (Trusses)	351,045	Lbs
5P	Bronze State Bridge Name Plates	2	Each
5R	Removal of Existing Structure and Maintaining Traffic		Lump Sum
95	Rip Rap	165	Cu.Yds

**General Notes**  
 All concrete to be placed in the dry.  
 For details of Abutment No. 1, See Drwg No. 3663  
 For details of Bents No. 1, 2, 3, 4 & 5, See Drwg No. 3664  
 For details of Piers No. 1 & 2, See Drwg No. 3665  
 For details of Abutment No. 2, See Drwg No. 3666  
 Contractor to remove existing timber and steel bridge as described in Special Provisions.  
 For details of Standard 50' I-Beam Spans, See 2163 Drwg No.  
 For details of 140' Thru Truss, See Drwg No. 2435  
 Specifications: Arkansas Standard Road & Bridge Specifications, adopted May 30, 1925 & Revised



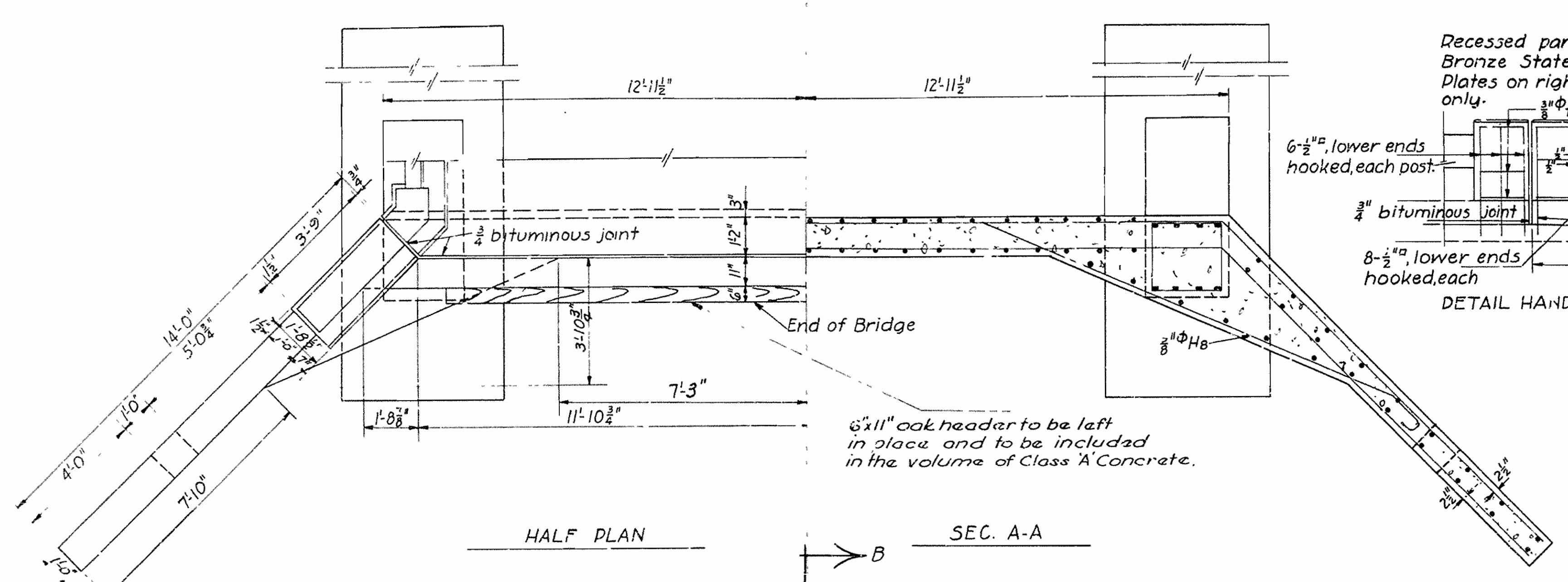
ELEVATION

Excavation for Rip Rap toe below the natural ground shall be paid for as Dry Structural Excavation, except only that portion of the trench in excess of 18" depth shall be included in the quantity for payment.

**LAYOUT**  
 BRIDGE OVER LEE'S CREEK  
 VAN BUREN - NORTH ROAD  
 CRAWFORD COUNTY  
 ROUTE 45 SEC. 2  
 ARKANSAS STATE HIGHWAY COMMISSION  
 LITTLE ROCK, ARK.  
 Drawn by: E.B.S. Date: 1-22-34  
 Traced by: A. Date: 1-29-34 Scale: 1" = 30'-0"  
 Checked by: Date:

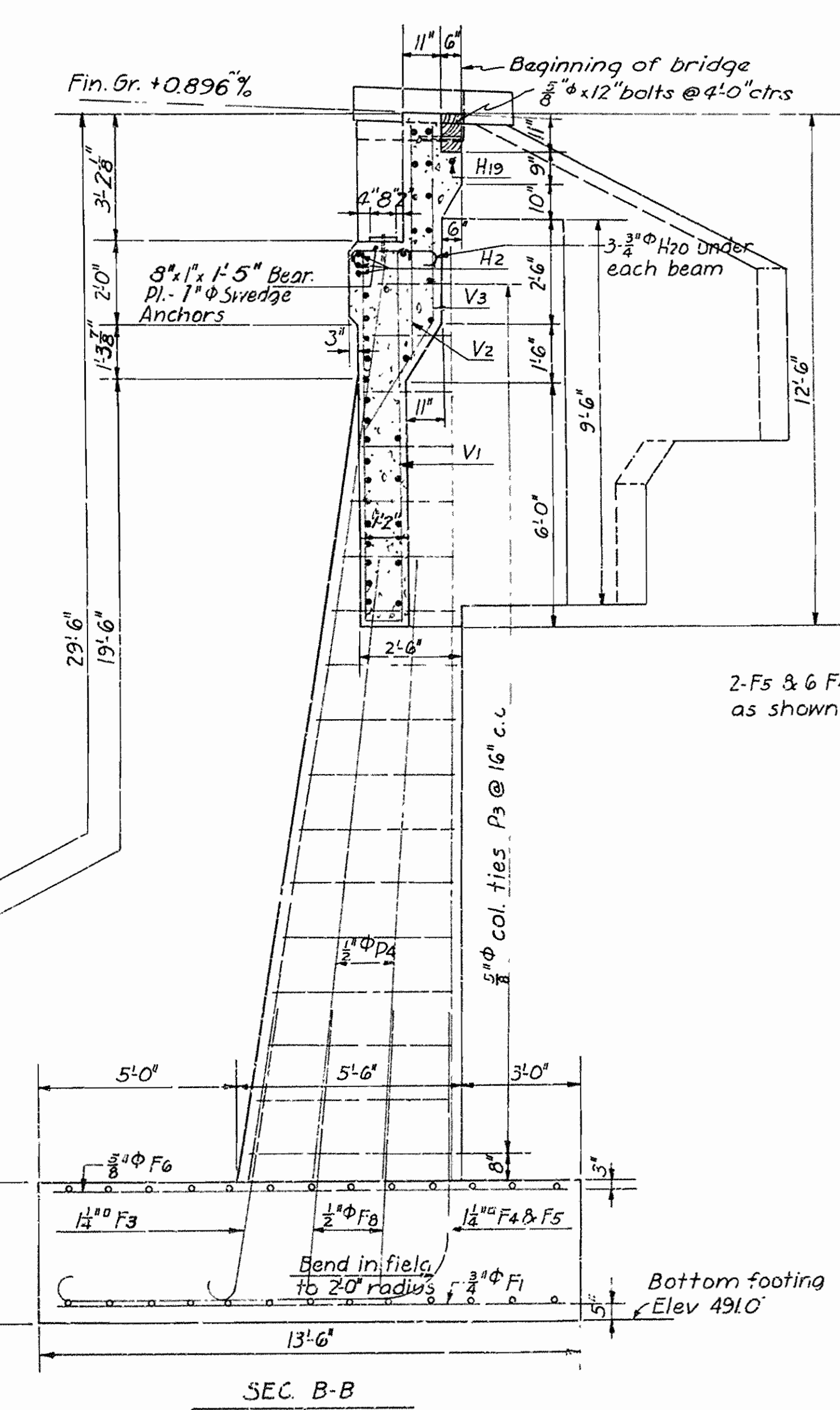
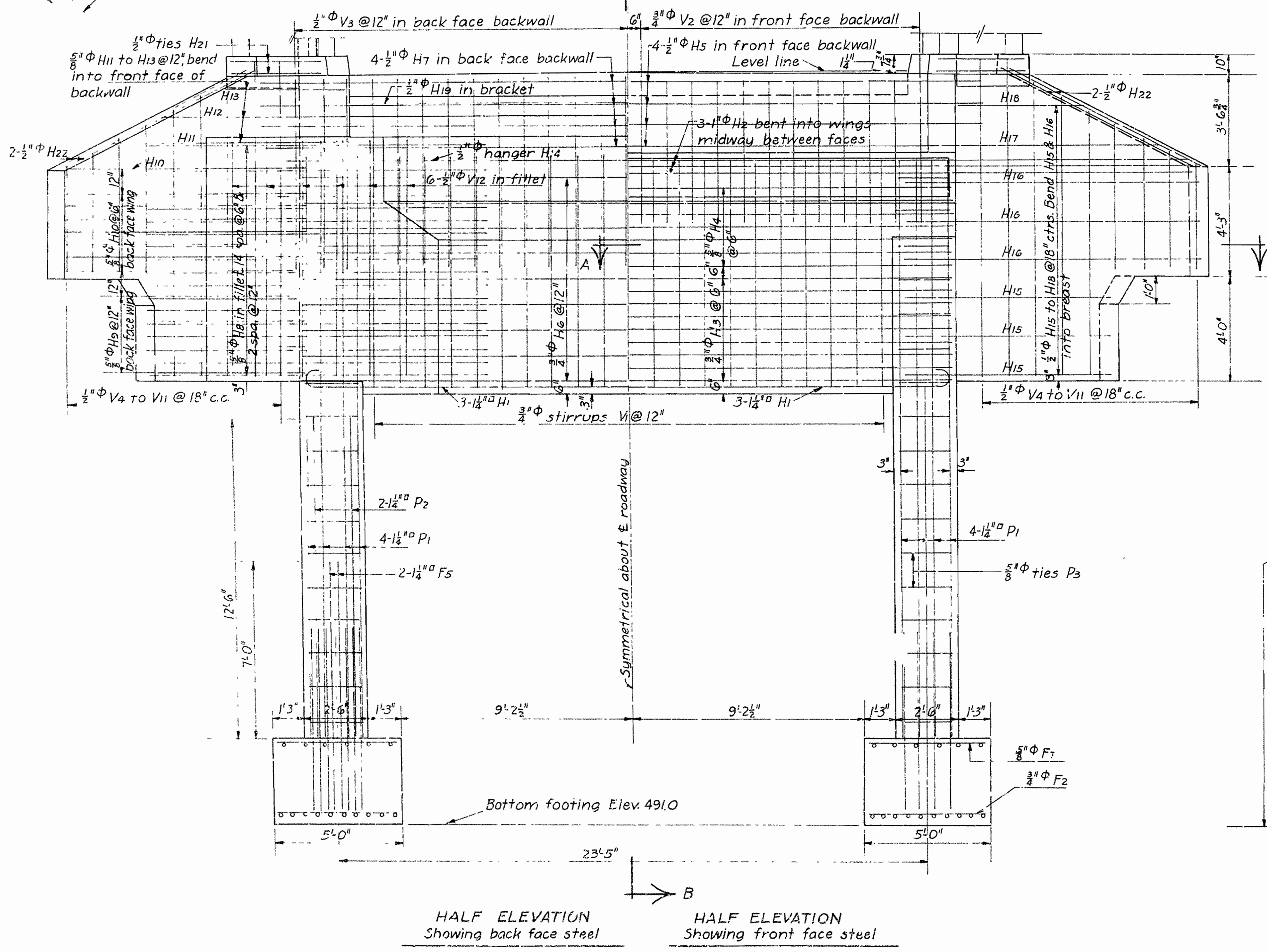
*M.P. Garner*  
 Bridge Engineer

Job No. 4170

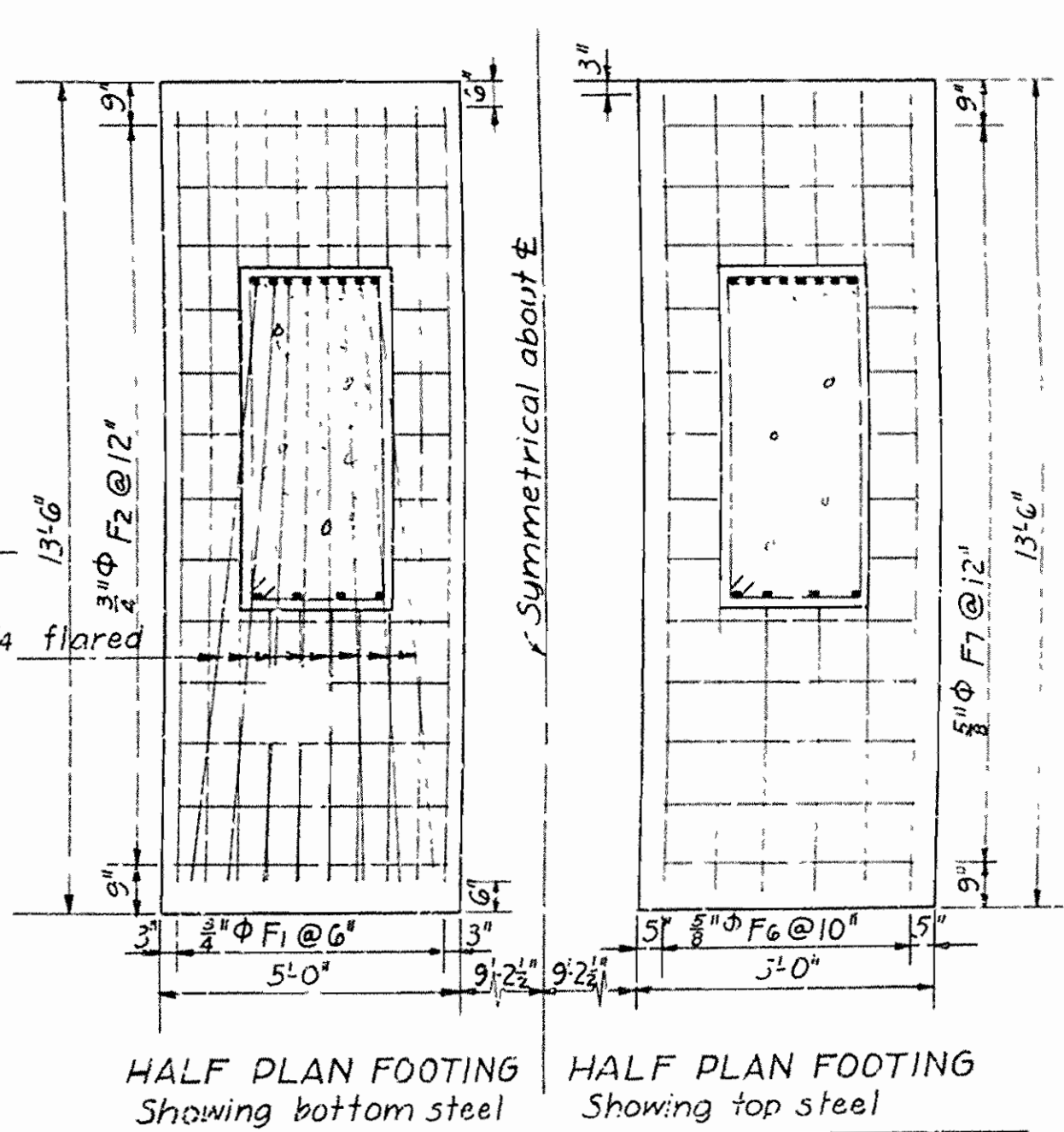


Mark	Size	Length	A	B	C	Bending Diagram
V1	$\frac{3}{4}$ " $\phi$	19'-8"	10 $\frac{1}{2}$ "	9'-0"		
H2	1" $\phi$	53'-0"				
V3	$\frac{1}{2}$ " $\phi$	7'-9"				
H8	$\frac{5}{8}$ " $\phi$	15'-7"				

Mark	Size	Length	A	B	C	Bending Diagram
F3	$\frac{1}{4}$ " $\phi$	5'-0"	7'-0"	8"		
F4	$\frac{1}{4}$ " $\phi$	17'-0"	16'-0"	8"		
F5	$\frac{1}{4}$ " $\phi$	20'-0"	19'-0"	8"		
F8	$\frac{1}{2}$ " $\phi$	5'-3"	4'-6"	6"		
H1	$\frac{1}{4}$ " $\phi$	27'-5"	25'-5"	8"		
H20	$\frac{3}{4}$ " $\phi$	3'-4"	1'-8"	6"		
H11	$\frac{5}{8}$ " $\phi$	11'-9"	9'-9"	2'-0"		
H12	$\frac{5}{8}$ " $\phi$	9'-0"	7'-0"	2'-0"		
H13	$\frac{5}{8}$ " $\phi$		4'-3"	2'-0"		
H15	$\frac{1}{2}$ " $\phi$		8'-9"	2'-0"		
H16	$\frac{1}{2}$ " $\phi$		13'-9"	2'-0"		
P3	$\frac{5}{8}$ " $\phi$	Av. 11'-3"	Var. by 1/2" to 1/4" @ 4' intervals	2'-0"	4"	
H21	$\frac{1}{2}$ " $\phi$	9'-6"	3'-4"	1'-2 1/2"	2"	



General Notes:  
 All concrete to be Class 'A'  
 All exposed corners to have  $\frac{3}{4}$ " chamfer unless otherwise shown.  
 For Details of superstructure see Dwg. No. 2163



DETAILS OF ABUTMENT NO. 1 FOR BRIDGE OVER LEE'S CREEK

CRAWFORD COUNTY ROUTE SEC.

ARKANSAS STATE HIGHWAY COMMISSION

LITTLE ROCK, ARK.

Drawn by: E.B.S. Date: 1-15-34

Traced by: A Date: 1

Checked by: Date:

Scale:  $\frac{3}{8}$ "=1'-0"

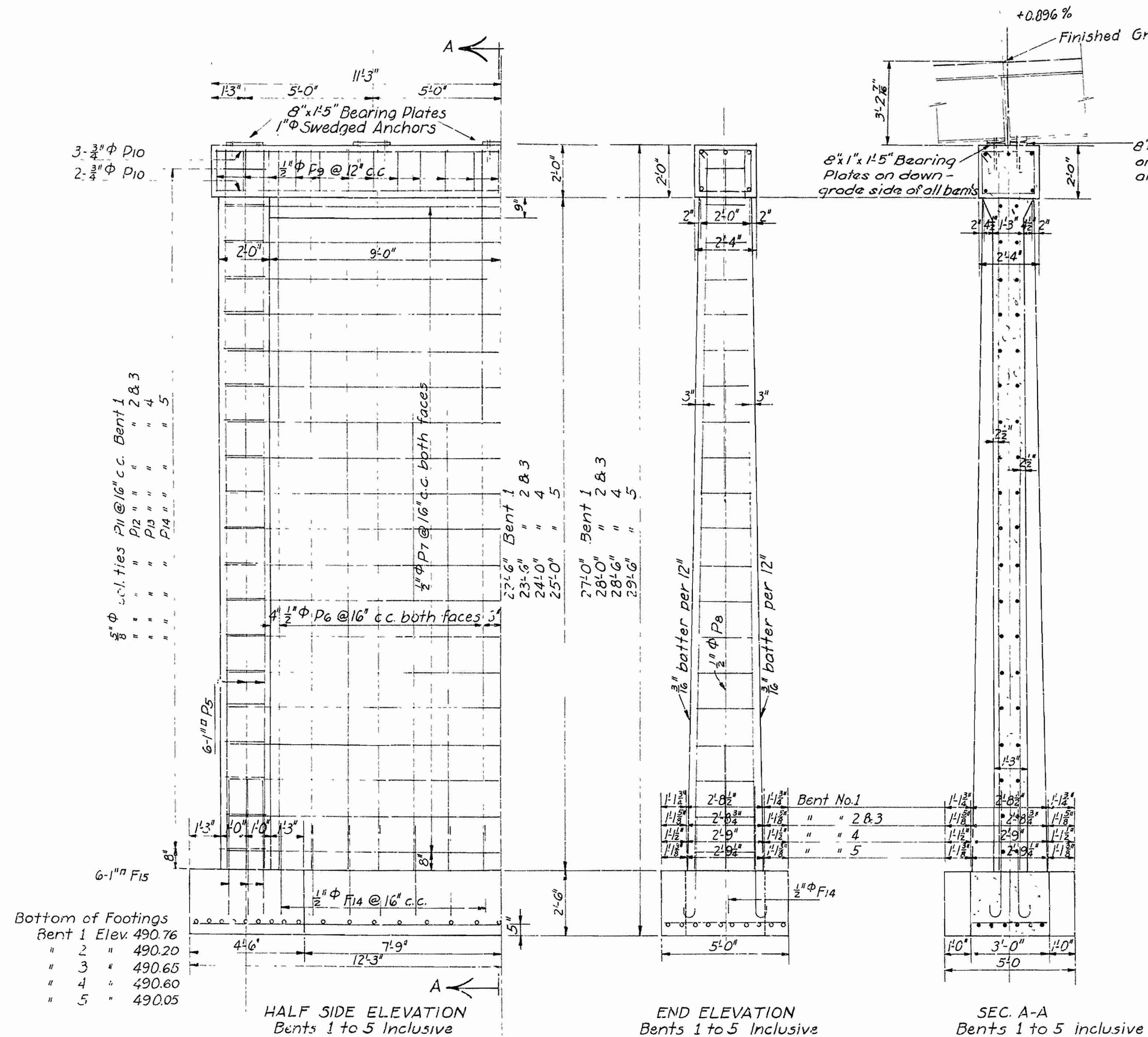
BRIDGE NO. 1811

DRWG. NO. 3663

*E.B.S.*  
 Bridge Engineer

FED. ROAD DIST. NO.	STATE	U.S. PUB. WORKS PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	ARK.	NS 333A	1934	13	24

Job No. 4170

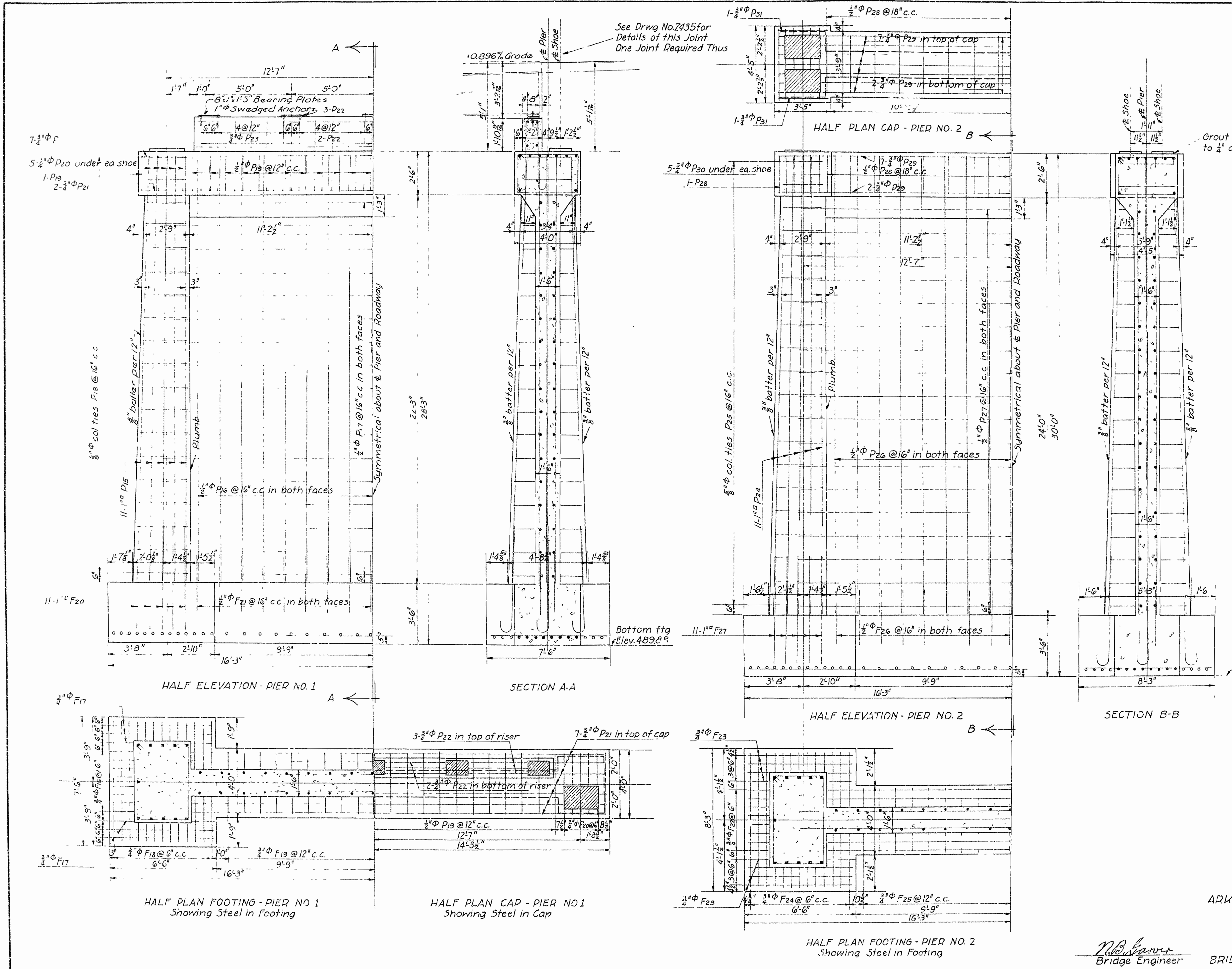


Mark	Size	Length	A	B	Bending Diagram
F15	1" Φ	6'-4"			
P9	1/2" Φ	7'-11"			
P11	5/8" Φ	Ave. 7'-10 1/2"	Var. by 1/2" to 2'-3 1/2"	1'-7 1/2"	
P12	5/8" Φ	Ave. 7'-11"	Var. by 1/2" to 2'-4"	1'-7 1/2"	
P13	5/8" Φ	Ave. 7'-11"	Var. by 1/2" to 2'-4"	1'-7 1/2"	
P14	5/8" Φ	Ave. 7'-11 1/2"	Var. by 1/2" to 2'-4 1/2"	1'-7 1/2"	

**General Notes**  
 All concrete to be Class "A".  
 All exposed corners to have 3/4" chamfer unless otherwise noted.  
 For details of superstructure see Drwg No. 2163

DETAILS OF BENTS NO 1,2,3,4 & 5  
 FOR  
 BRIDGE OVER LEE'S CREEK  
 VAN BUDEN-NORTH ROAD  
 CRAWFORD COUNTY  
 ROUTE SEC.  
 ARKANSAS STATE HIGHWAY COMMISSION  
 LITTLE ROCK, ARK.  
 Drawn by: E.B.S. Date: 1-17-34  
 Traced by: A Date: 1-23-34 Scale: 3/8"=1'-0"  
 Checked by: Date:  
 BRIDGE NO. 1811 DRAWING NO. 3664

*E.B.S.*  
 Bridge Engineer



Mark	Size	Length	A	B	Bending Diagram
F20	1"φ	7'-0"			
F21	1"φ	7'-0"			
D18	5/8"φ	Av 2'-10 3/4" 13'-5 1/2"	2'-4" 4'-4 3/4"	2'-4" 3'-1"	
D25	5/8"φ	Av 3'-3 3/4" 14'-4 1/2"	2'-4" 4'-10 1/2"	2'-4" 3'-1 3/4"	
D19	1/2"φ	12'-3"	3'-7 1/2"	2'-1 1/2"	
P20	3/4"φ	12'-3"	3'-7 1/2"	2'-1 1/2"	
P28	1/2"φ	11'-9"	3'-4 1/2"	2'-1 1/2"	
P30	3/4"φ	13'-1"	4'-0 1/2"	2'-4 1/2"	
P23	3/4"φ	10'-4"			

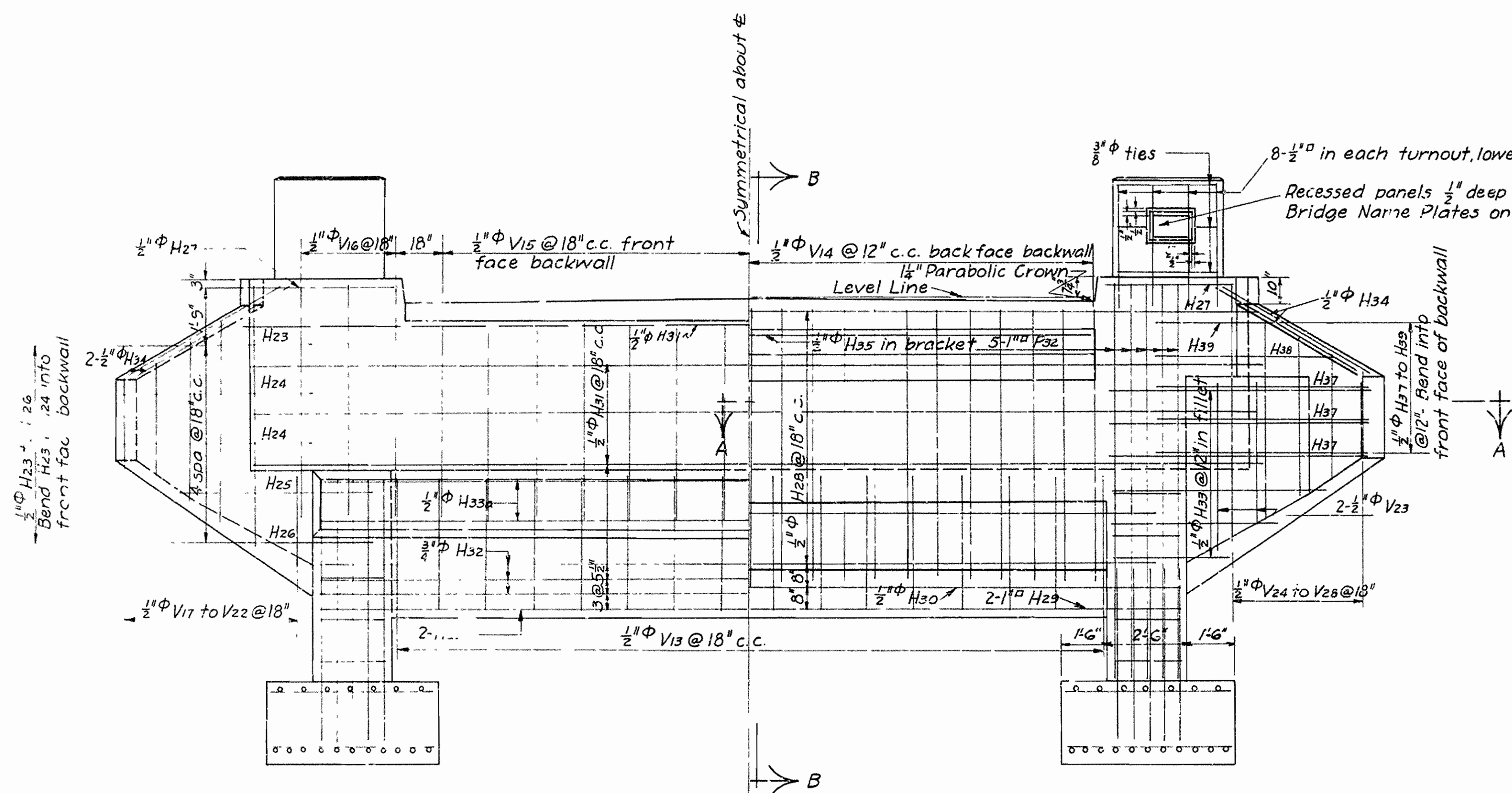
General Notes  
 All concrete to be Class "A"  
 All exposed corners to have 3/4" chamfer unless otherwise noted  
 For details of superstructure see Drawing No. 2435

DETAILS OF PIERS NO. 1 AND NO. 2  
 FOR  
 BRIDGE OVER LEE'S CREEK  
 CRAWFORD COUNTY  
 ROUTE SEC.  
 ARKANSAS STATE HIGHWAY COMMISSION  
 LITTLE ROCK, ARK.  
 Drawn by: E.B.S. Date: 1-18-34  
 Traced by: A Date: 1-22-34 Scale: 3/8"=1'-0"  
 Checked by: Date:  
 BRIDGE NO. 1811 DRWG. NO. 3665

*N.C. Harris*  
 Bridge Engineer

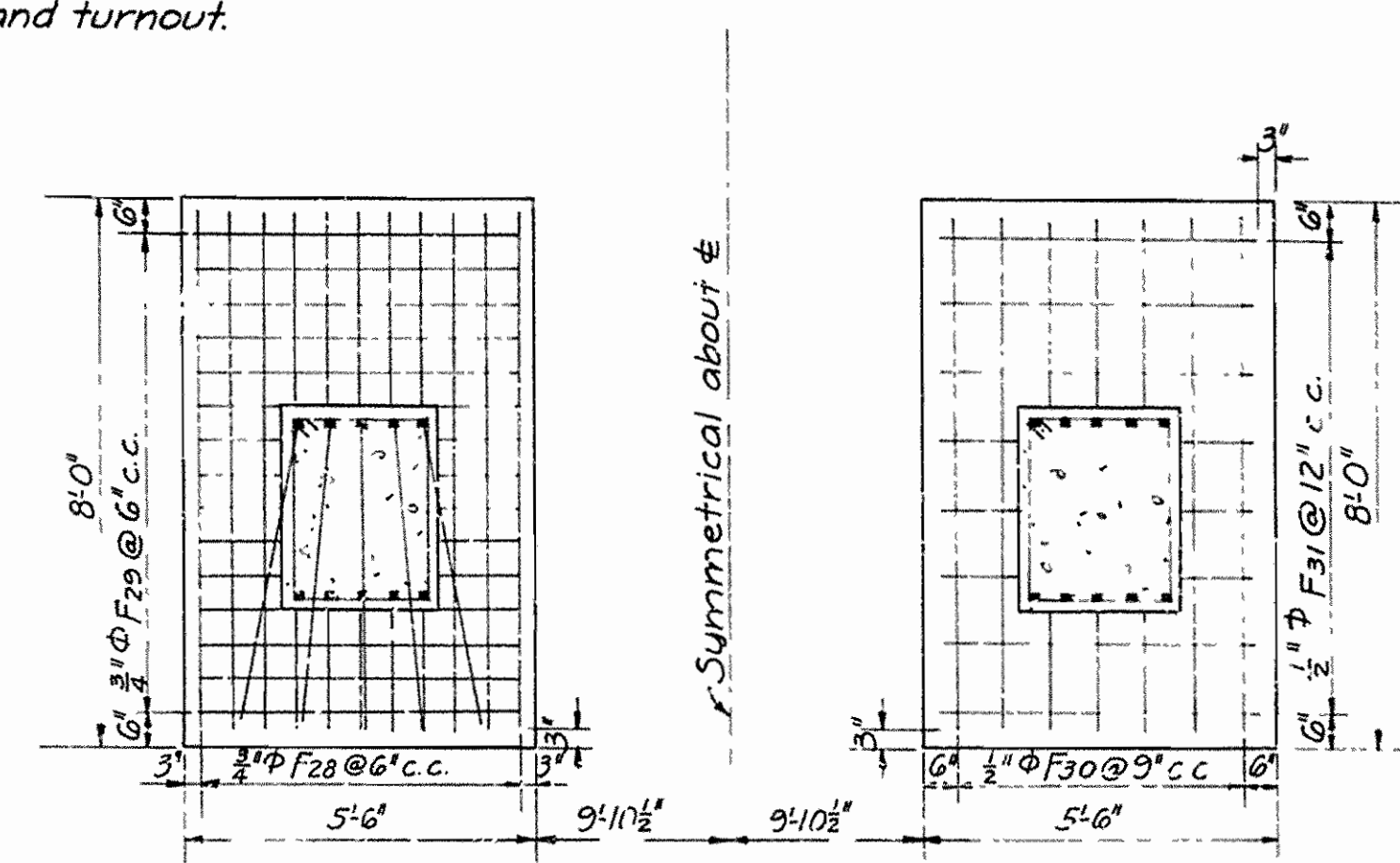
FED. ROAD DIST NO.	STATE	U.S. P.W. & S. PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	ARK.	NES 333 A	1934	15	24

Job No. 4170



HALF FRONT ELEVATION  
Showing Front Face Steel

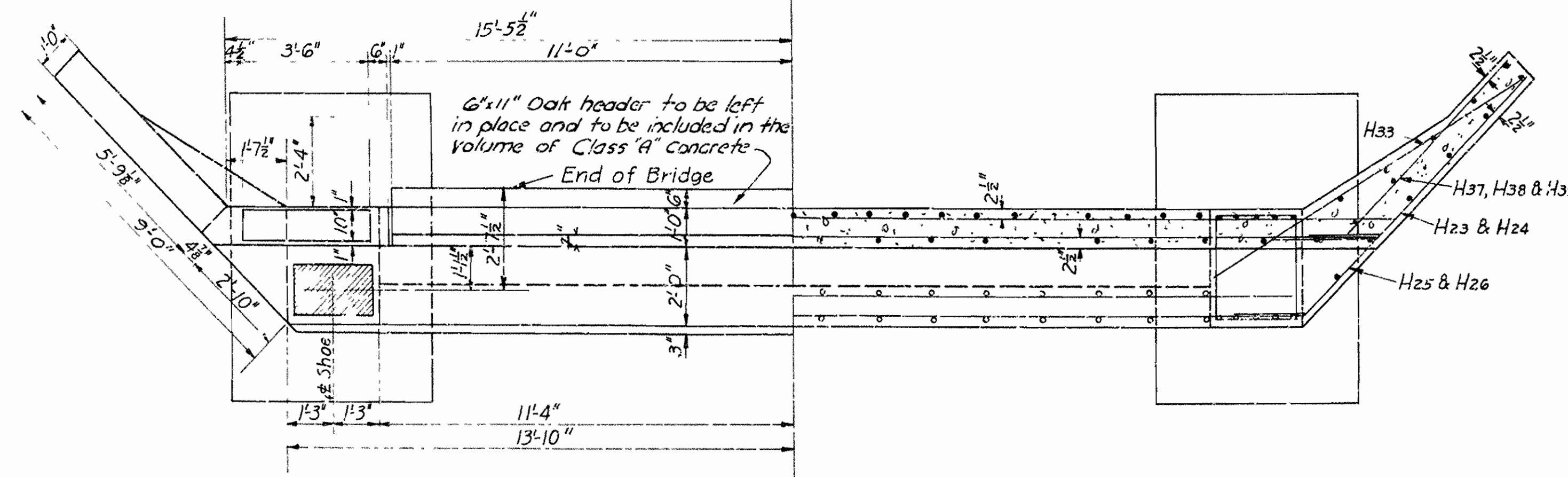
HALF REAR ELEVATION  
Showing Back Face Steel



HALF FOOTING PLAN  
Showing bottom steel

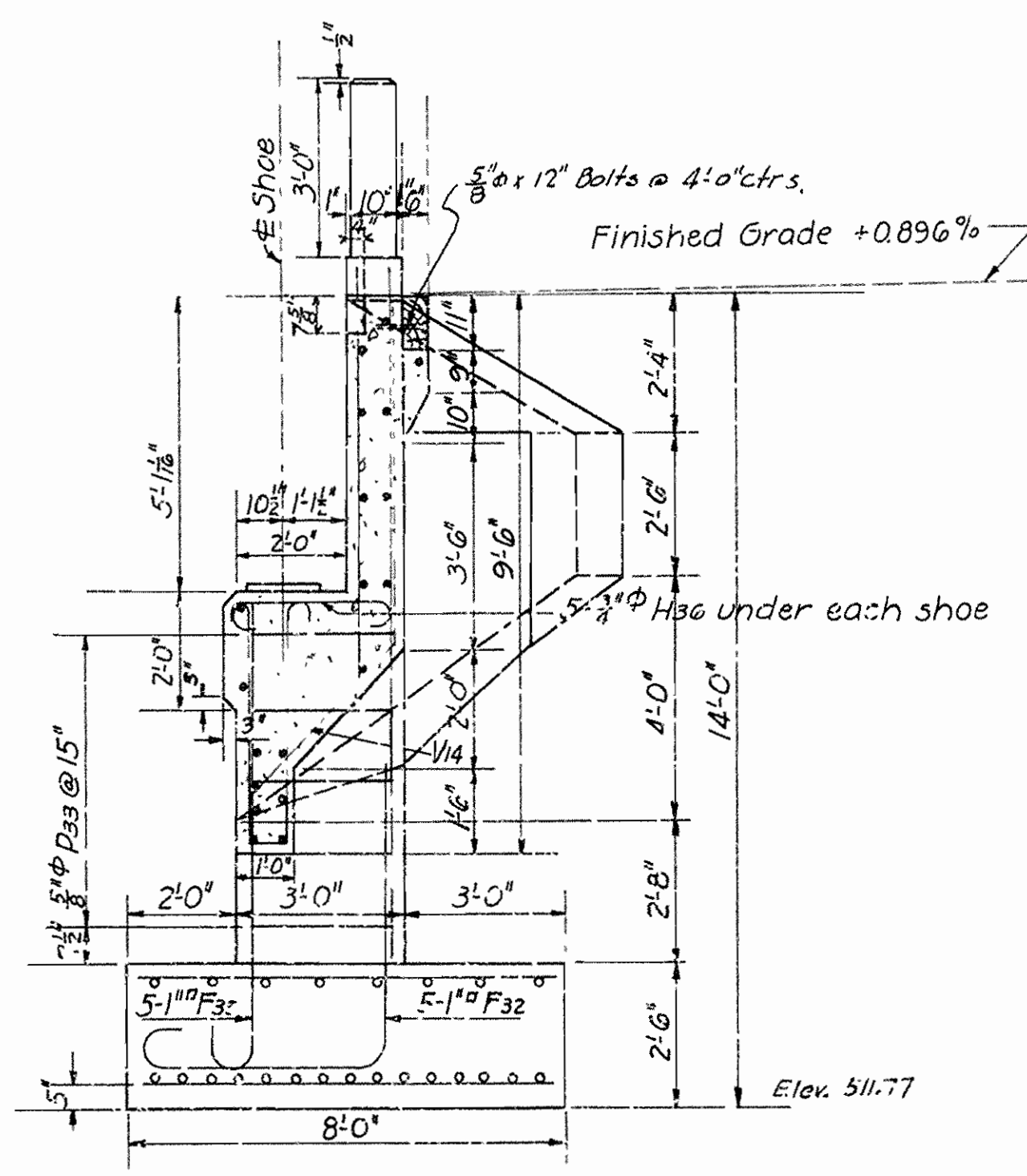
HALF FOOTING PLAN  
Showing top steel

General Notes:  
All concrete to be Class 'A'.  
All exposed corners to have 3/8 inch chamfer unless otherwise shown.  
For details of superstructure see Dwg. No. 2435



HALF PLAN

SECTION A-A



SECTION B-B

Mark	Size	Length	A	B	Bending Diagram
F32	1" square	10'-5"			
F33	1" square	9'-2"			
H23	1/2" diameter	4'-9"	2'-9"	2'-0"	
H24	"	7'-9"	5'-9"	2'-0"	
H25	"	8'-0"	6'-0"	2'-0"	
H26	"	4'-9"	2'-9"	2'-0"	
H37	"	8'-6"	6'-6"	2'-0"	
H38	"	6'-9"	4'-9"	2'-0"	
H39	"	5'-0"	3'-0"	2'-0"	
V14	"	9'-3"	5'-9"	3'-6"	
V13	1/2" diameter	9'-2"			
H36	3/4" diameter	4'-3"			
F33	5/8" diameter	10'-3"			

DETAILS OF ABUTMENT NO. 2  
FOR  
BRIDGE OVER LEE'S CREEK  
VAN BUREN-NORTH ROAD  
CRAWFORD COUNTY  
ROUTE SEC.  
ARKANSAS STATE HIGHWAY COMMISSION  
LITTLE ROCK, ARK.

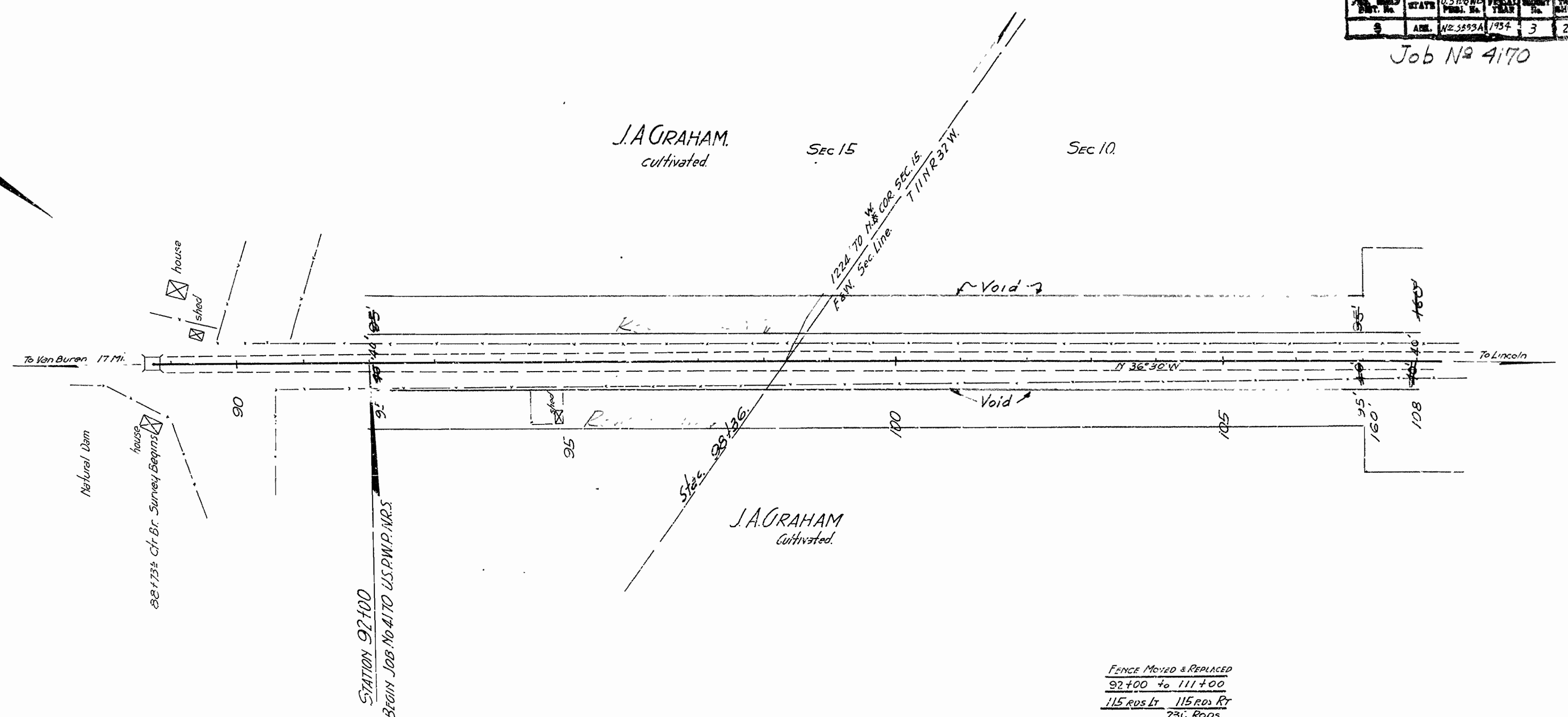
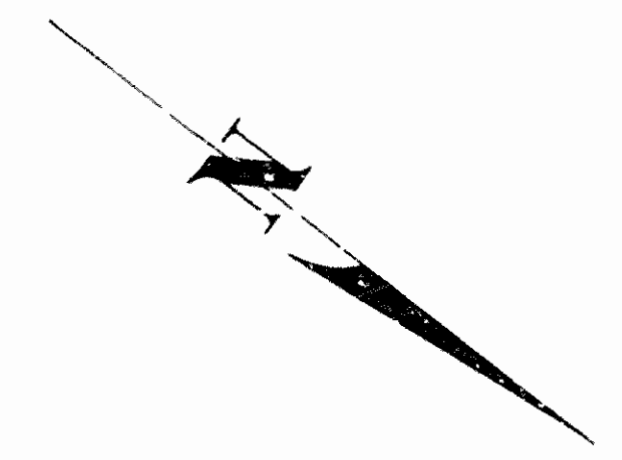
*N.B. Sawyer*  
Bridge Engineer

Drawn by: E.B.S. Date: 1-22-34  
Traced by: A. Date: 1-25-34 Scale: 3/8" = 1'-0"  
Checked by: Date:  
BRIDGE NO. 1871 DRAWING NO. 3666



STATE	FED. ROAD DIST. NO.	FED. ROAD DIST. NO.	FED. ROAD DIST. NO.	FED. ROAD DIST. NO.	FED. ROAD DIST. NO.
ILL.	3	3	3	3	3
ADJ.	112	112	112	112	112
YEAR	1934	1934	1934	1934	1934
NO.	3	3	3	3	3
DATE	24	24	24	24	24

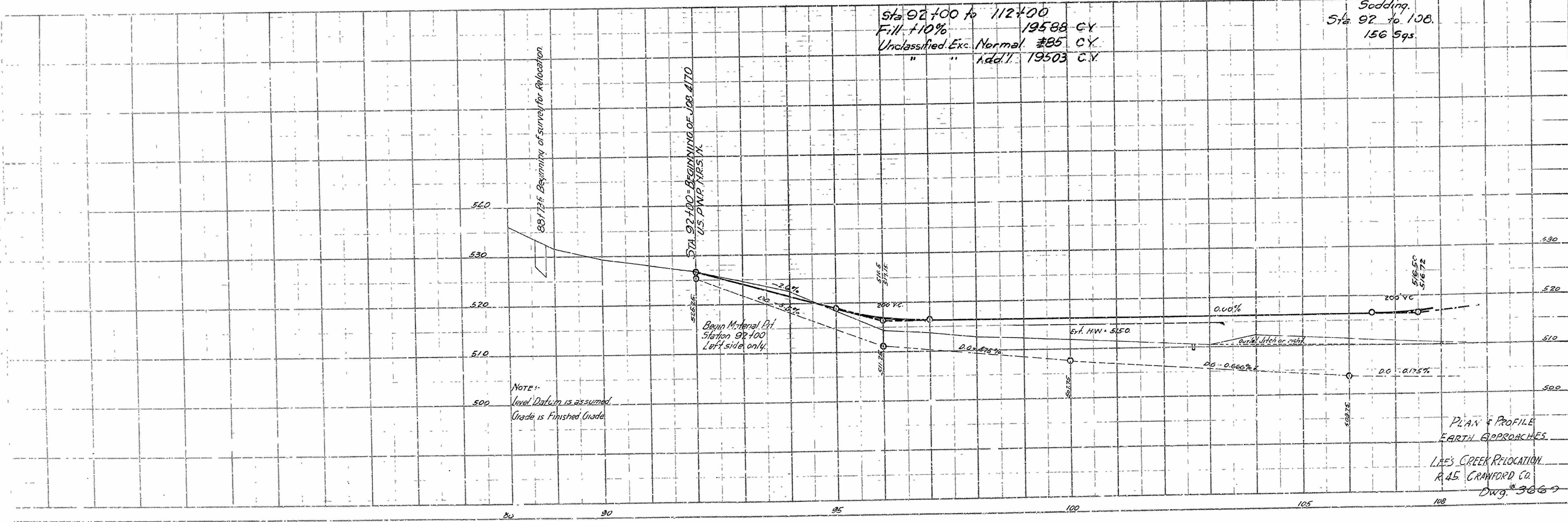
Job No 4170



FENCE MOVED & REPLACED  
92+00 to 111+00  
115 RODS LT 115 RODS RT  
230 RODS

Sta 92+00 to 112+00  
Fill +10% 19588 CY  
Unclassified Exc. Normal #85 CY  
" " Advt. 19503 CY

Sodding  
Sta 92 to 108  
156 Sqs



PLAN & PROFILE  
EARTH APPROACHES  
LAFS CREEK RELOCATION  
R. 45 CRAWFORD CO.  
DWG. #3067

FED. ROAD DIST. NO.	STATE	PROJECT	SECTION	POST-MILE
10	WV	1934	22	24

Job No. 4170

VOLUMES

Cut Fill Fill+10%

50.40

313 774 851

50.52

55 316 348

50.97

8 50 55

50.97

42 262

95 571 687

50.97

143 815 897

50.97

152 720 772

50.97

150 632 695

Lee's Creek Bridge, Job 4170

9-23-36 J.M. inc.

Dwg No. 3671

VOLUMES  
Cut Fill Fill+10%

Areas  
Cut Fill

146 542 608

505.09  
50

260

505.76

150 441 385

43 274

505.97

130 372 416

42 262

506.00

161 257 288

39 234

506.40

246 69 76

38 206

507.09

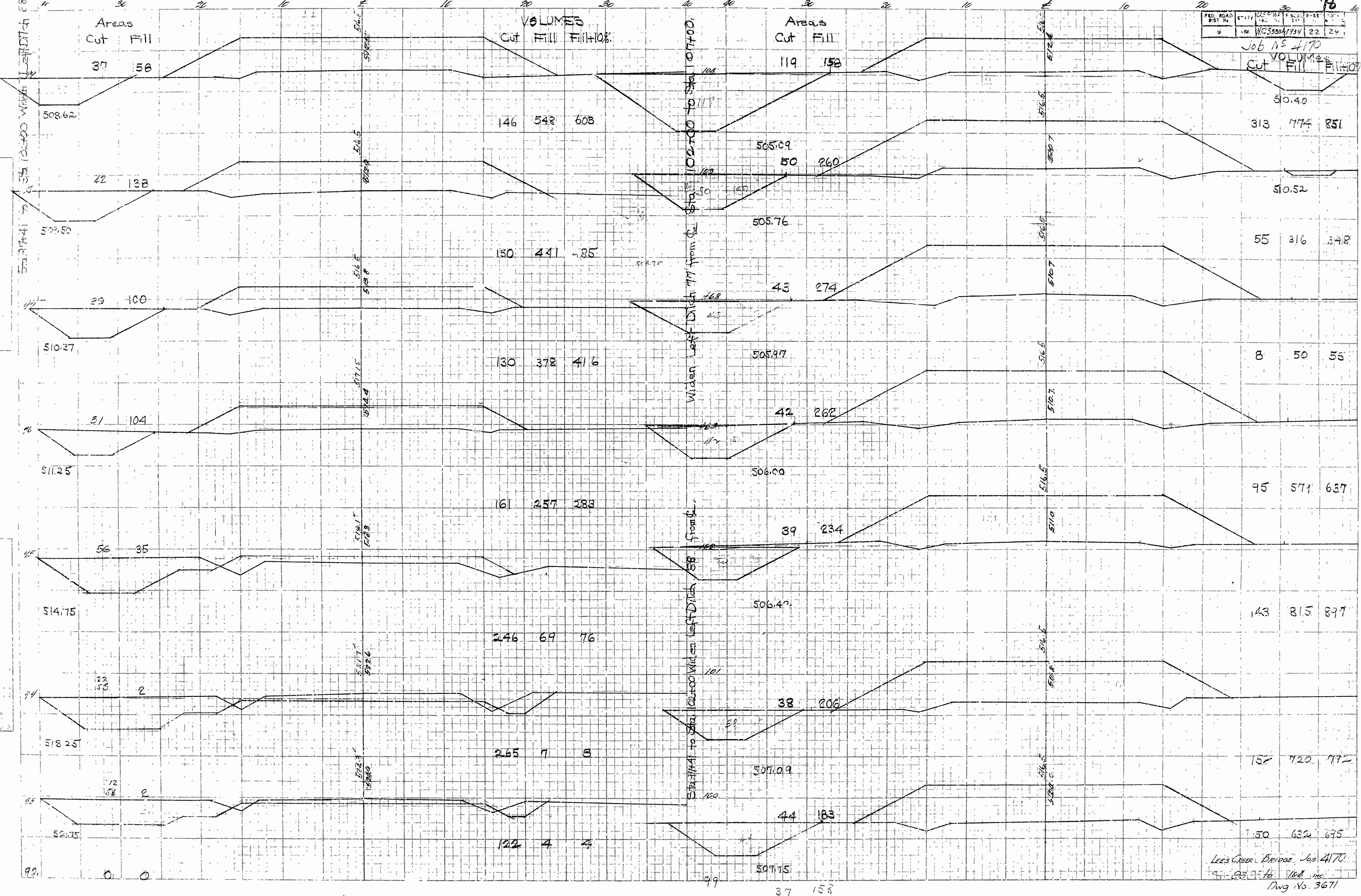
265 7 5

44 183

507.15

122 4 4

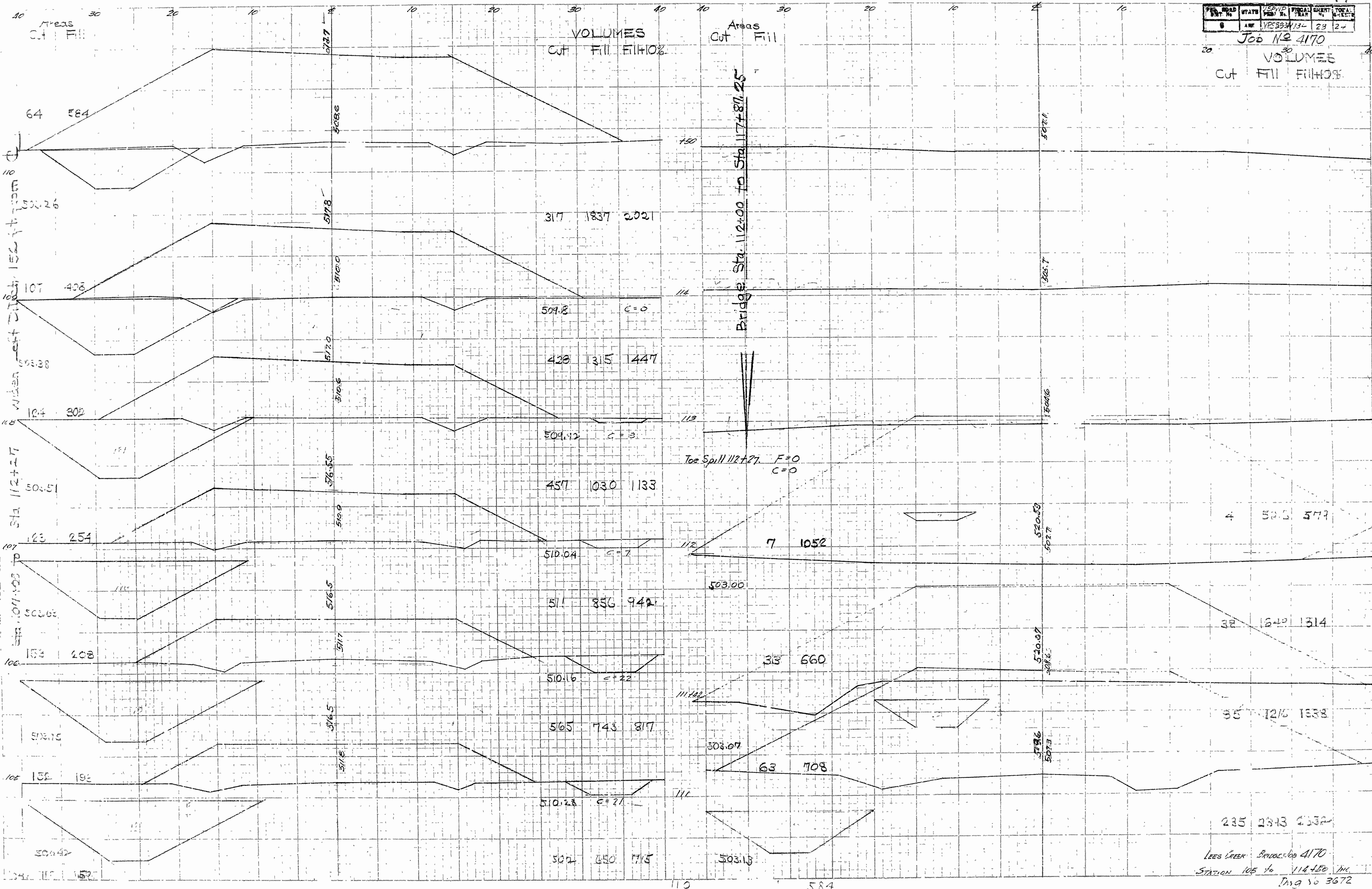
37 158



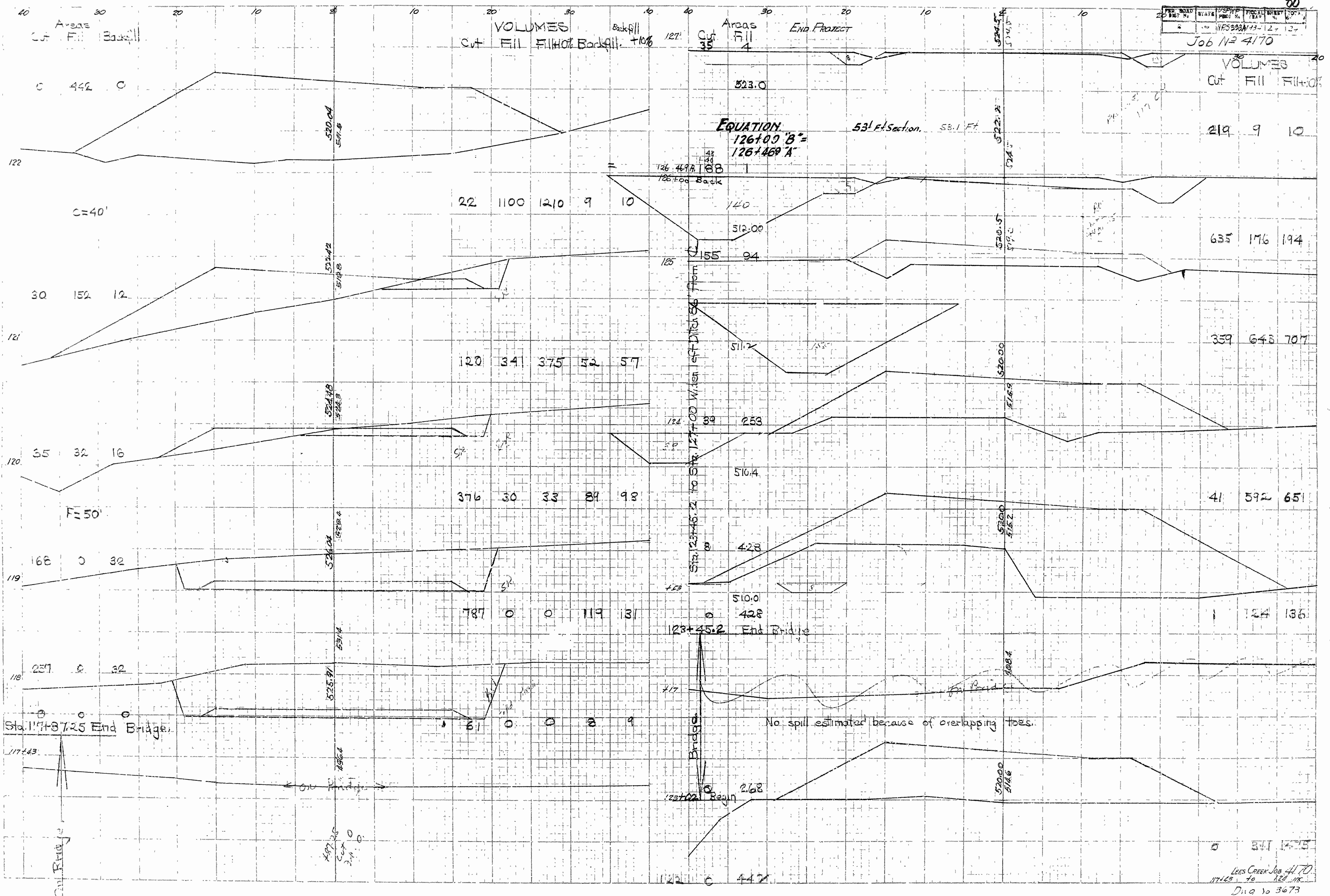
FED. ROAD DIST. NO.	STATE	USP/MP PROJ. NO.	FISCAL YEAR	CONTRACT NO.	SHEET NO.
0	ARZ	VR5334	134	23	24

Job No 4170

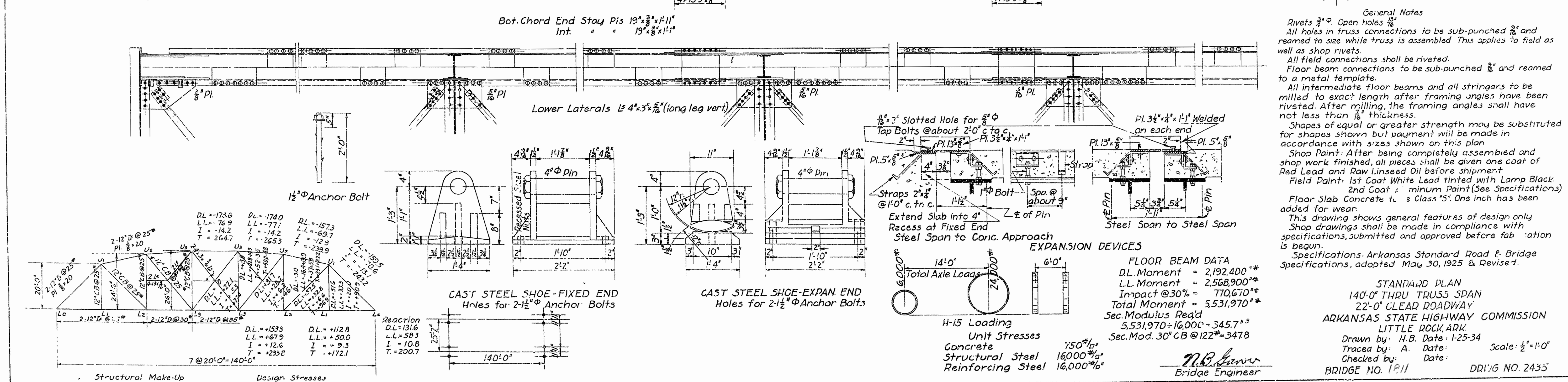
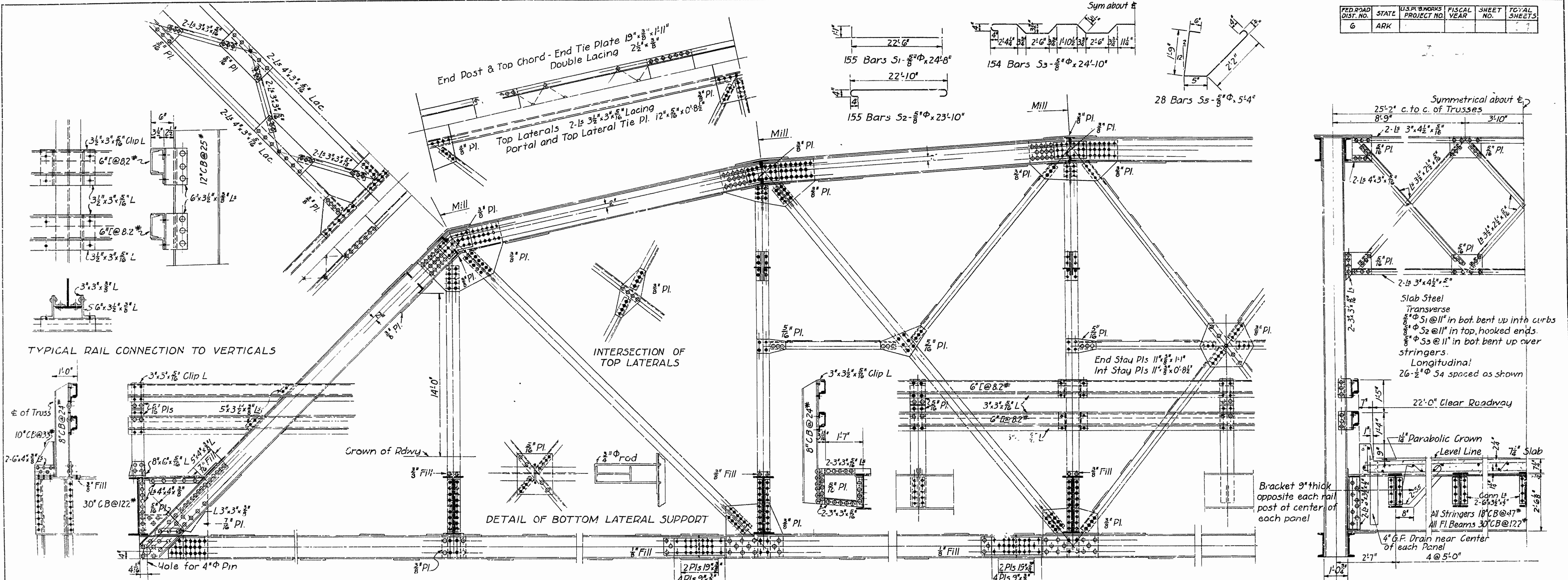
VOLUMES  
Cut Fill Fill/10%



LEES CREEK BRIDGES 4170  
STATION 105 to 114+50 INC.  
Dwg No 3672



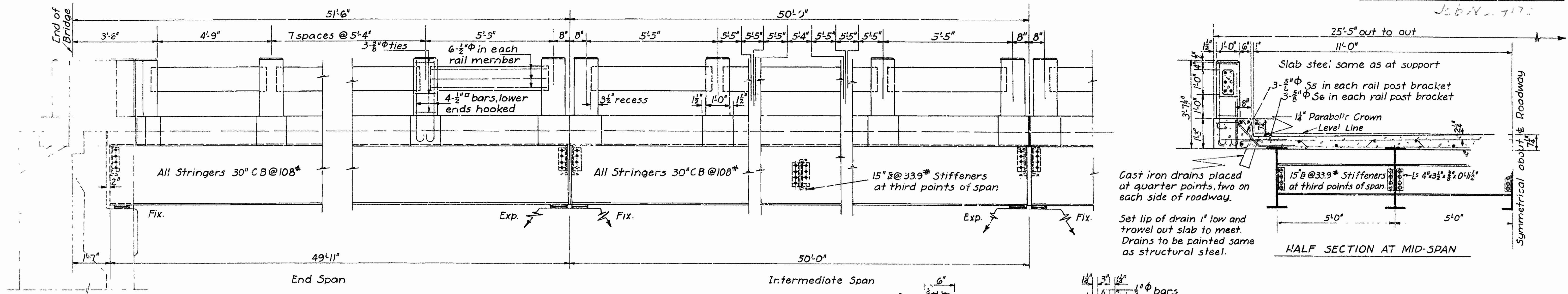
FED. ROAD DIST. NO.	STATE	U.S.P.R. WORKS PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	ARK				



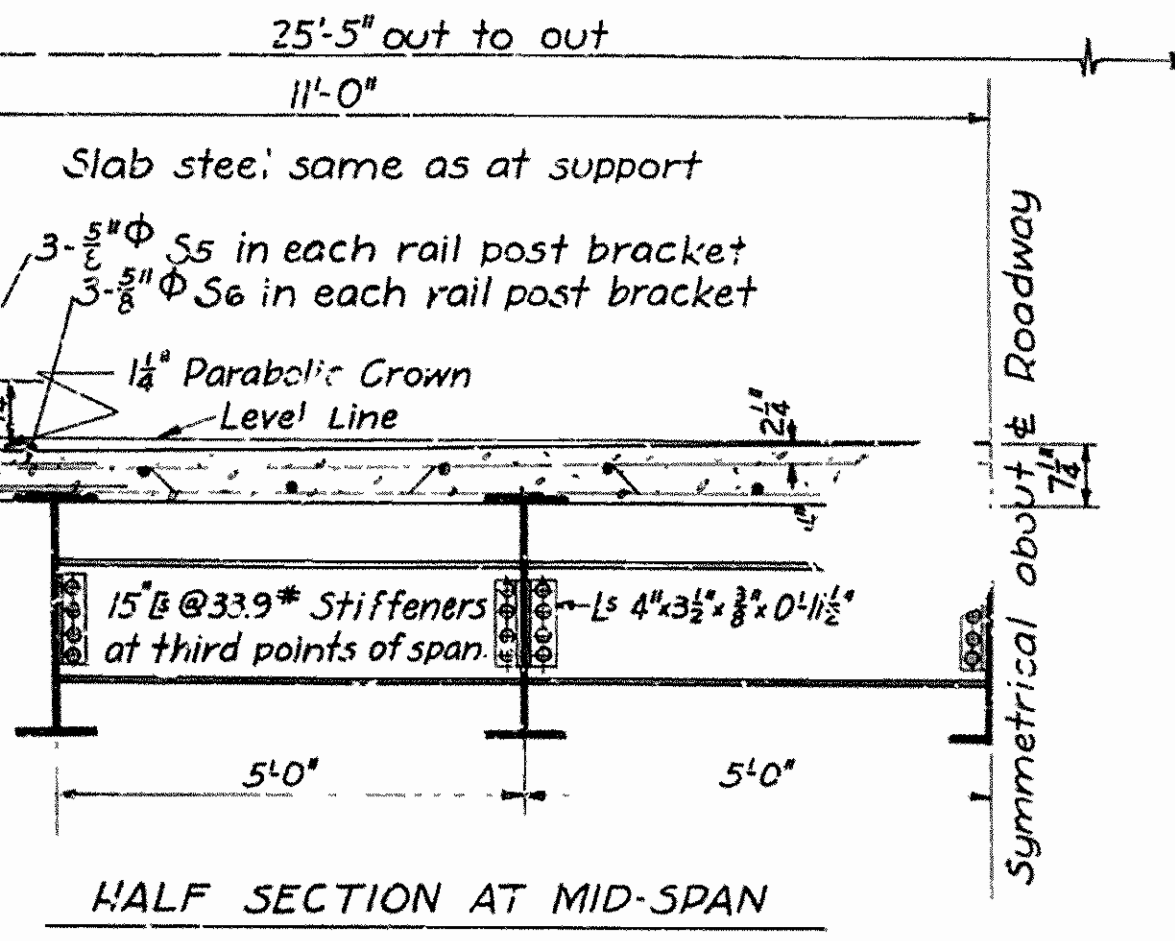
All rail posts 12"x12" except as shown.

Extend rail members 3" into posts, and wrap each end of each rail member with tar paper.

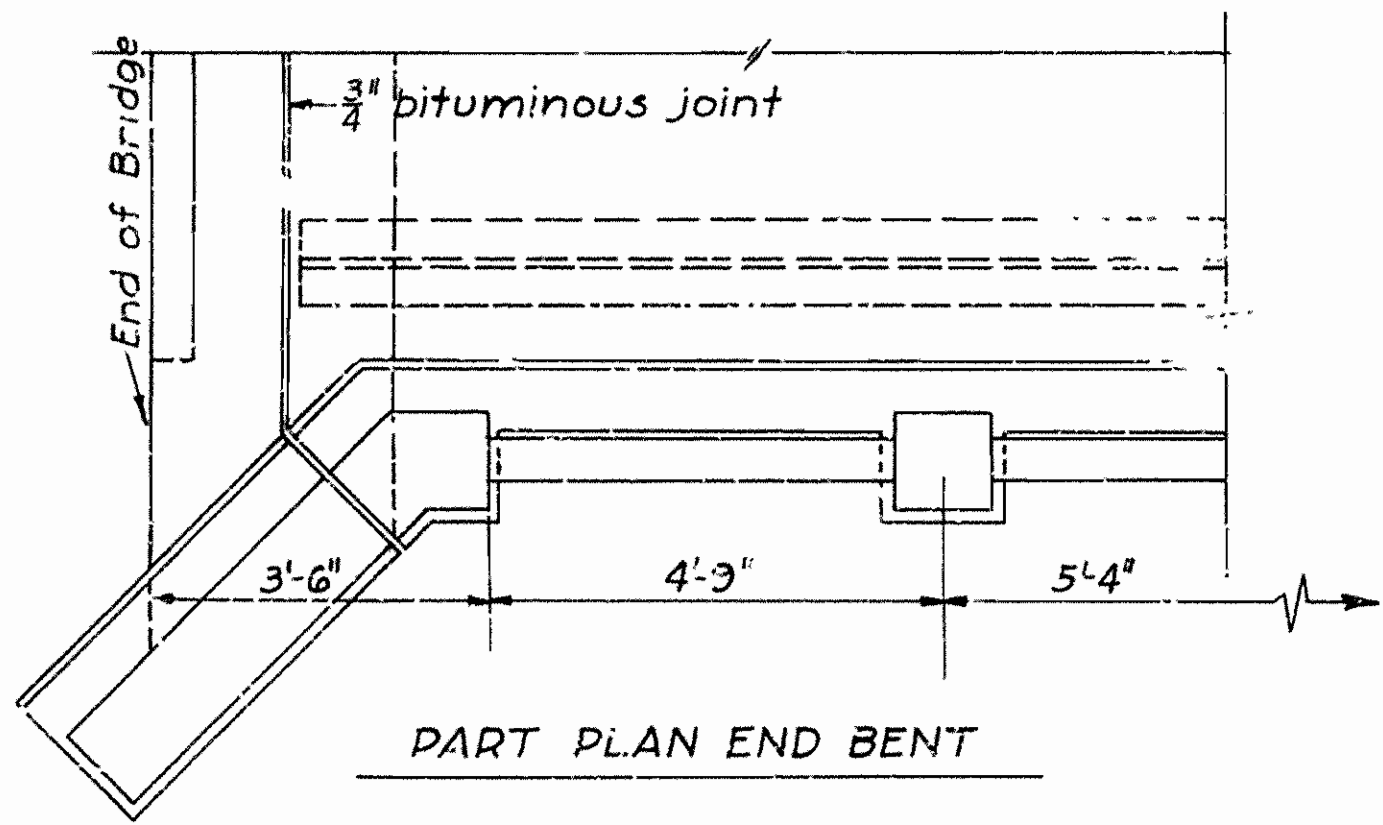
FED. ROAD DIST. NO.	STATE	U.S. PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	ARK.	NR 3,333 A	1934	24	24



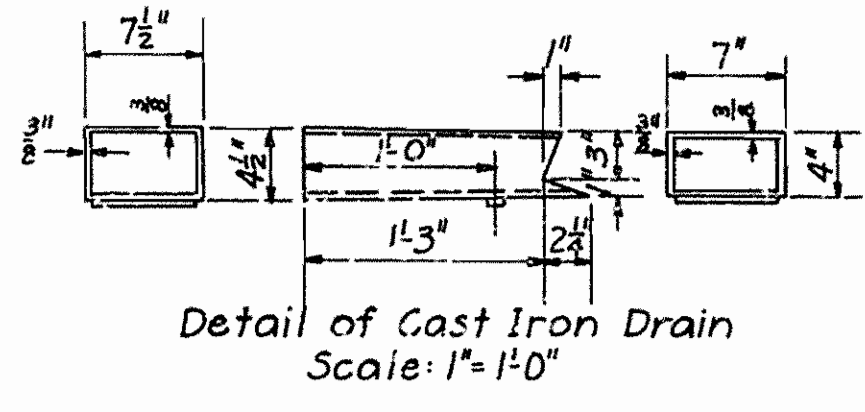
Cast iron drains placed at quarter points, two on each side of roadway.  
Set lip of drain 1" low and trowel out slab to meet. Drains to be painted same as structural steel.



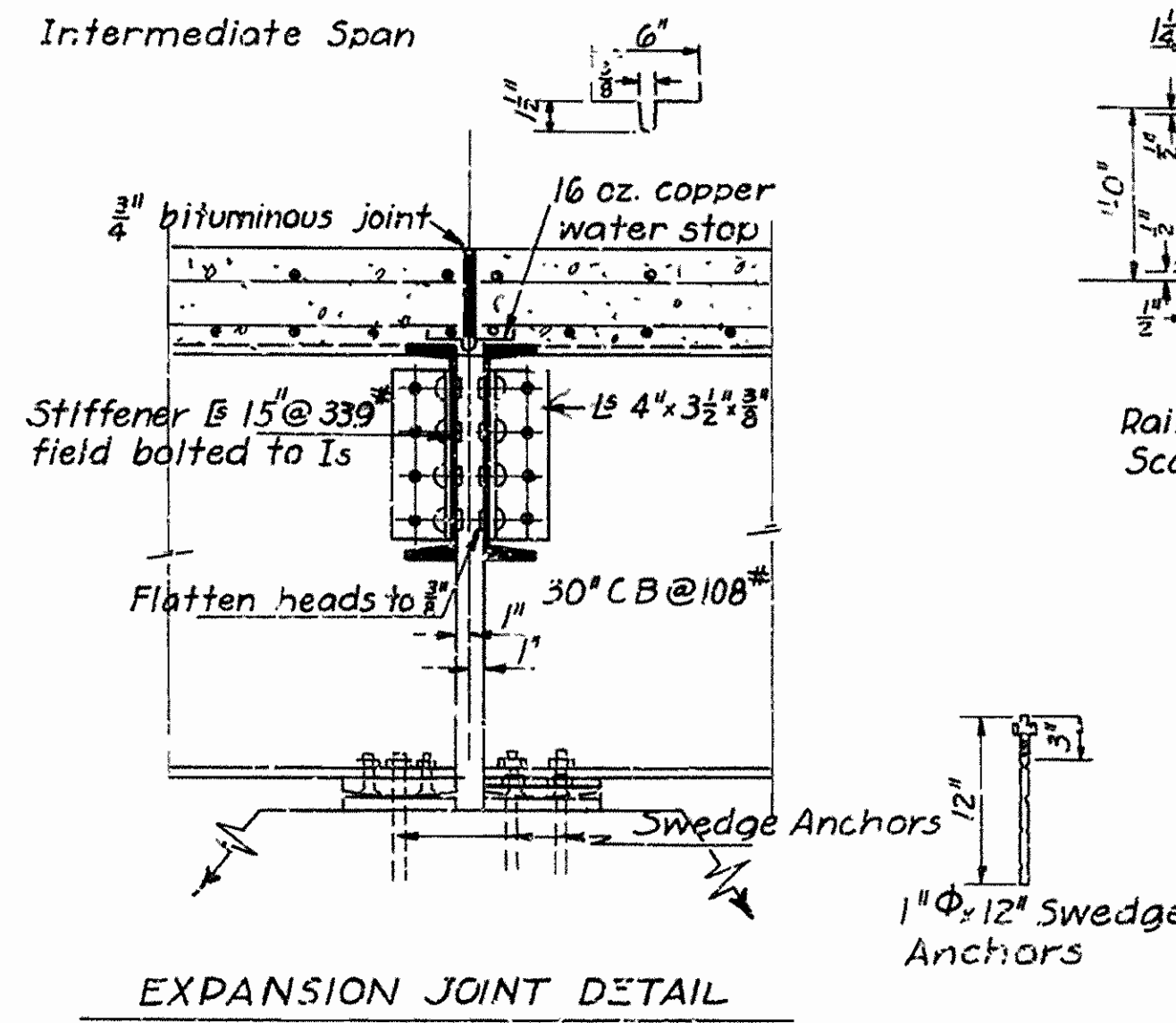
SIDE ELEVATION



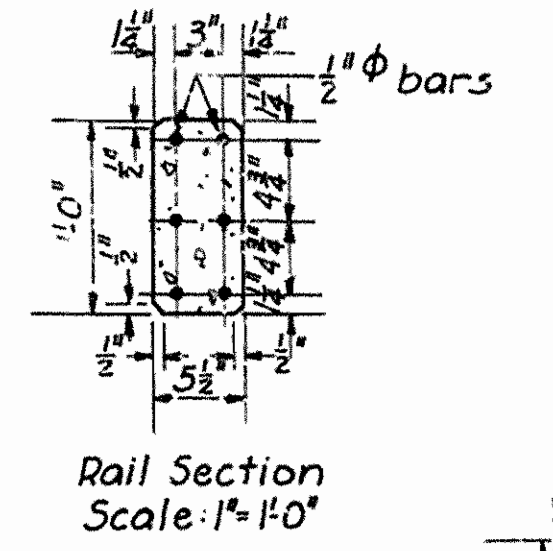
PART PLAN END BENT



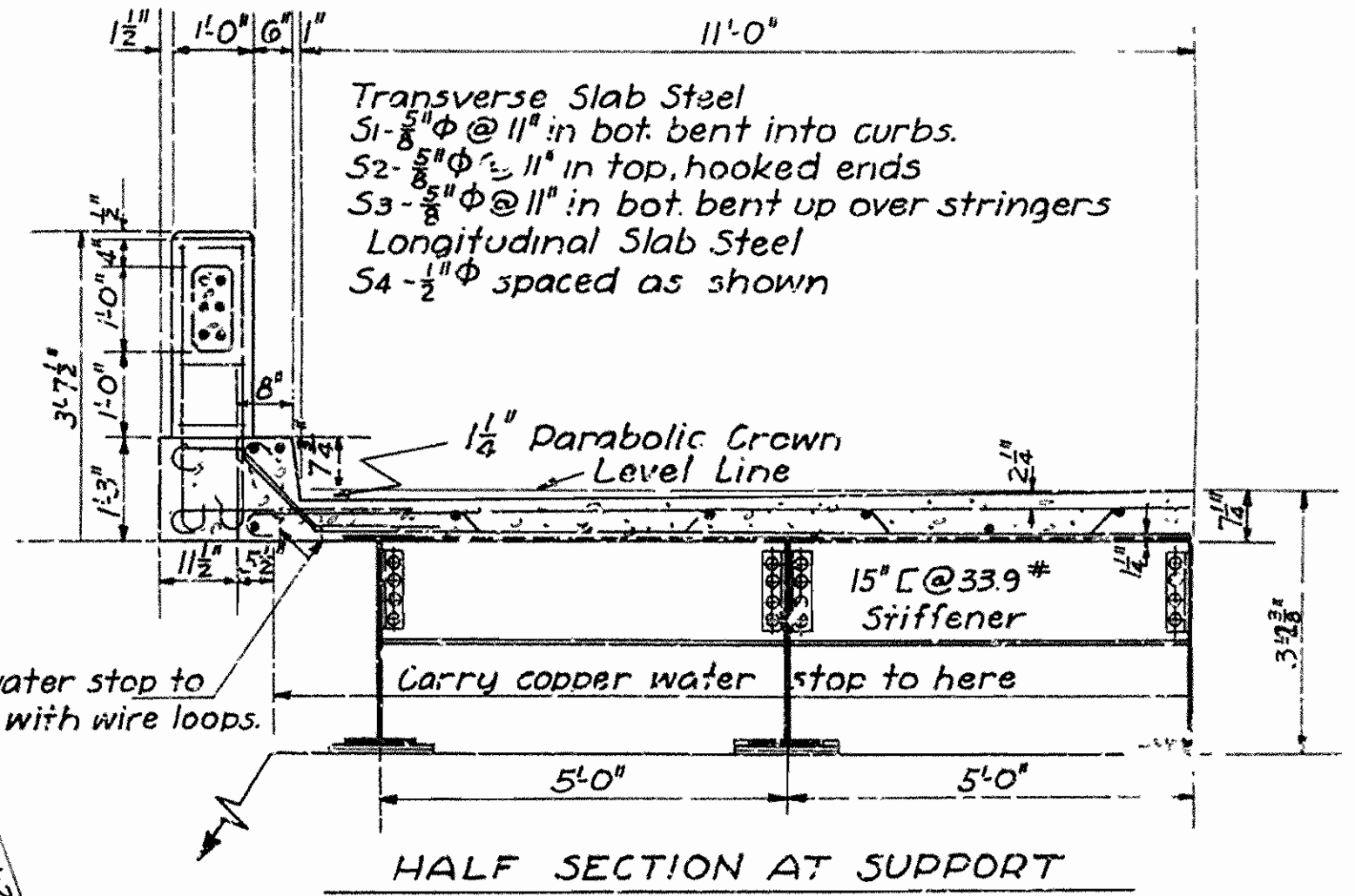
Detail of Cast Iron Drain  
Scale: 1" = 1'-0"



EXPANSION JOINT DETAIL

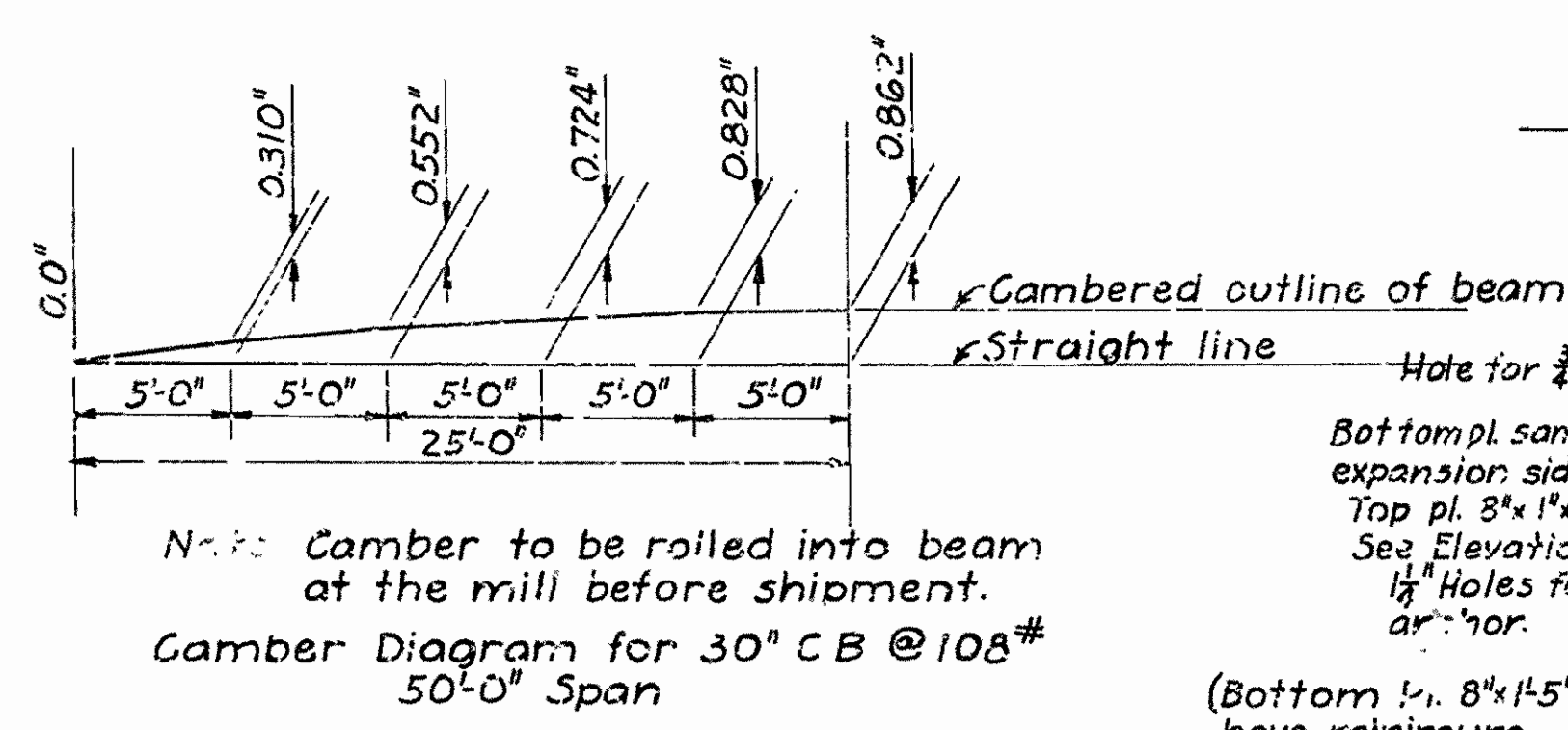


Rail Section  
Scale: 1" = 1'-0"

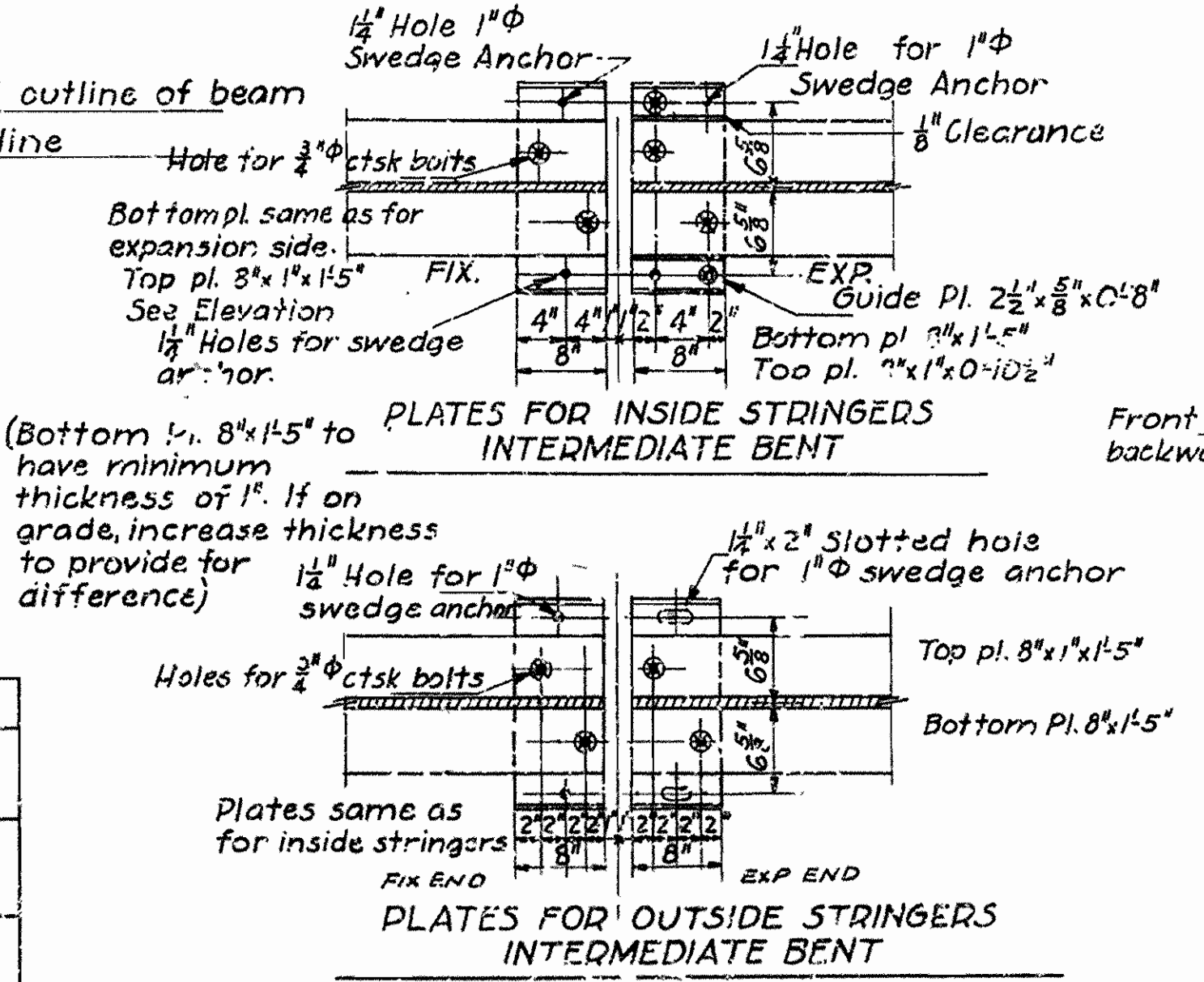


HALF SECTION AT SUPPORT

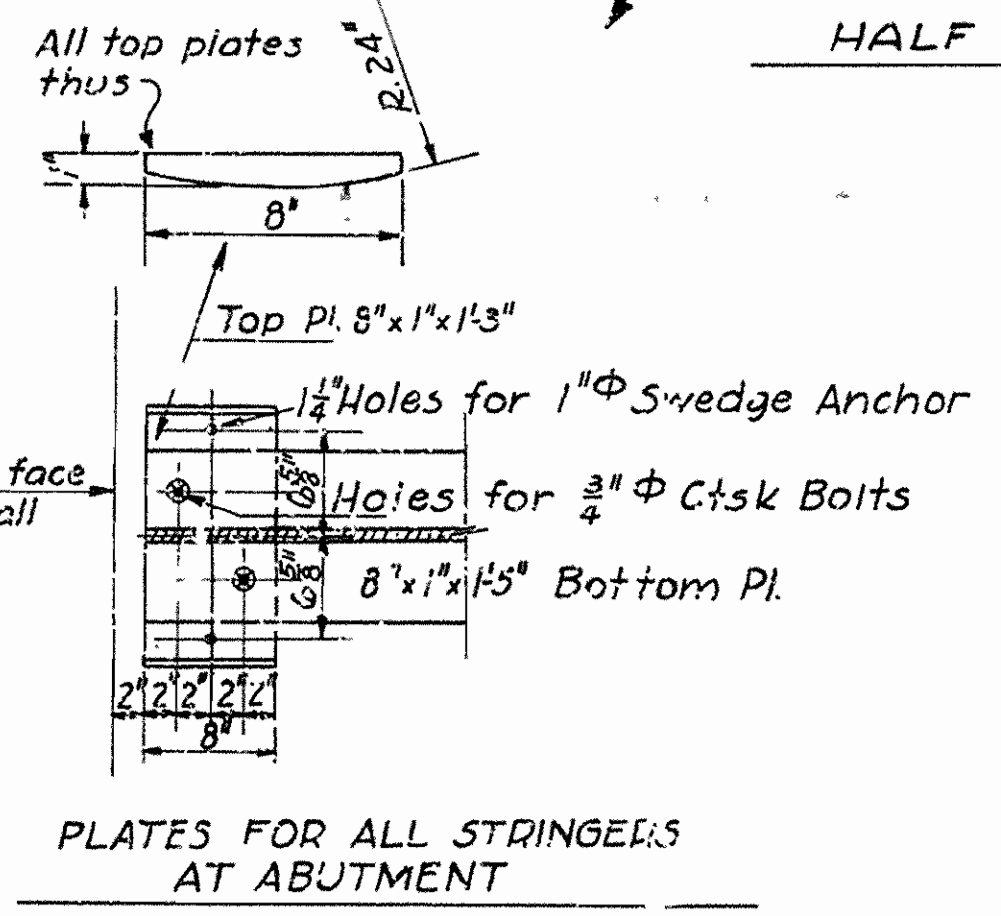
**General Notes**  
 All concrete to be Class "5". All exposed corners to have 3/8" chamfer unless otherwise shown.  
 Shop lists and bending diagrams of reinforcing steel must be submitted and approved before fabrication is begun.  
 Roadway drains, copper water stops and bituminous felt joints are to be paid for at unit price bid for reinforcing steel.  
 3/4" phi rivets, 1 1/2" phi open holes. Use 3/4" phi bolts for field connections.  
 Shop paint: All structural steel shall be given one coat of red lead and raw linseed oil before shipment.  
 Field paint: 1st coat-White lead tinted with lamp black. 2nd coat-Aluminum paint.  
 This drawing shows general features of design only. Shop drawings shall be made in compliance with specifications, and be submitted and approved before fabrication is begun.  
 Specifications: Arkansas Standard Road and Bridge Specifications, adopted May 30, 1925 and Revised.



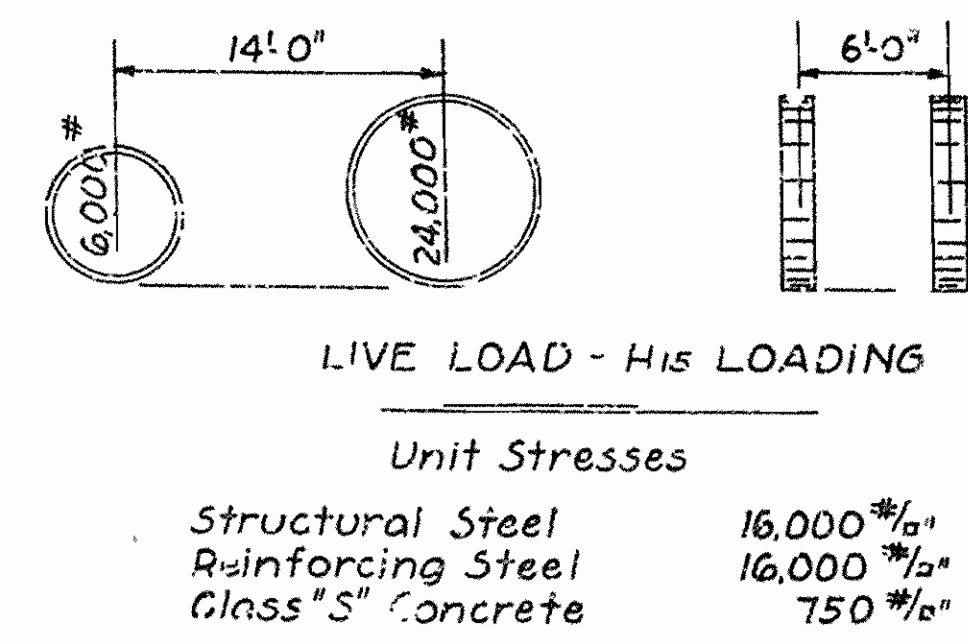
Gamber Diagram for 30" CB @ 108" Span



DETAILS OF EXPANSION JOINTS & PLATES  
Scale: 1" = 1'-0"



PLATES FOR ALL STRINGERS AT ABUTMENT



Mark	Size	Length	a	b	c	d	e	Bending Diagram
S1	5/8" phi	24'-9"	2 1/2'	1'-2 1/2"	3"			[Diagram]
S2	5/8" phi	23'-9"	23'-0"					[Diagram]
S3	5/8" phi	24'-9"	1'-10 1/2"	2'-6"	2'-6"	5"	5"	[Diagram]
S5	5/8" phi	4'-1"	1'-6"	9"	1'-0"	1'-1"	4"	[Diagram]
S6	5/8" phi	3'-6"	3'-0"	4"				[Diagram]

DETAILS OF STANDARD 50'-0" I-BEAM SPAN CONCRETE DECK ~ 22'-0" CLEAR RDWY. ARKANSAS STATE HIGHWAY COMMISSION LITTLE ROCK, ARK.  
 Drawn by: E.B.S. Date: 1-9-34  
 Traced by: A. Date: 1-16-34 Scale: 1/2" = 1'-0" and as noted.  
 Checked by: Date:  
 BRIDGE NO. DRWG NO. 2163

Bridge Engineer