

FISCAL YEAR	Job No.	SHEET NO.	TOTAL SHEETS
1929	4-123	1	33

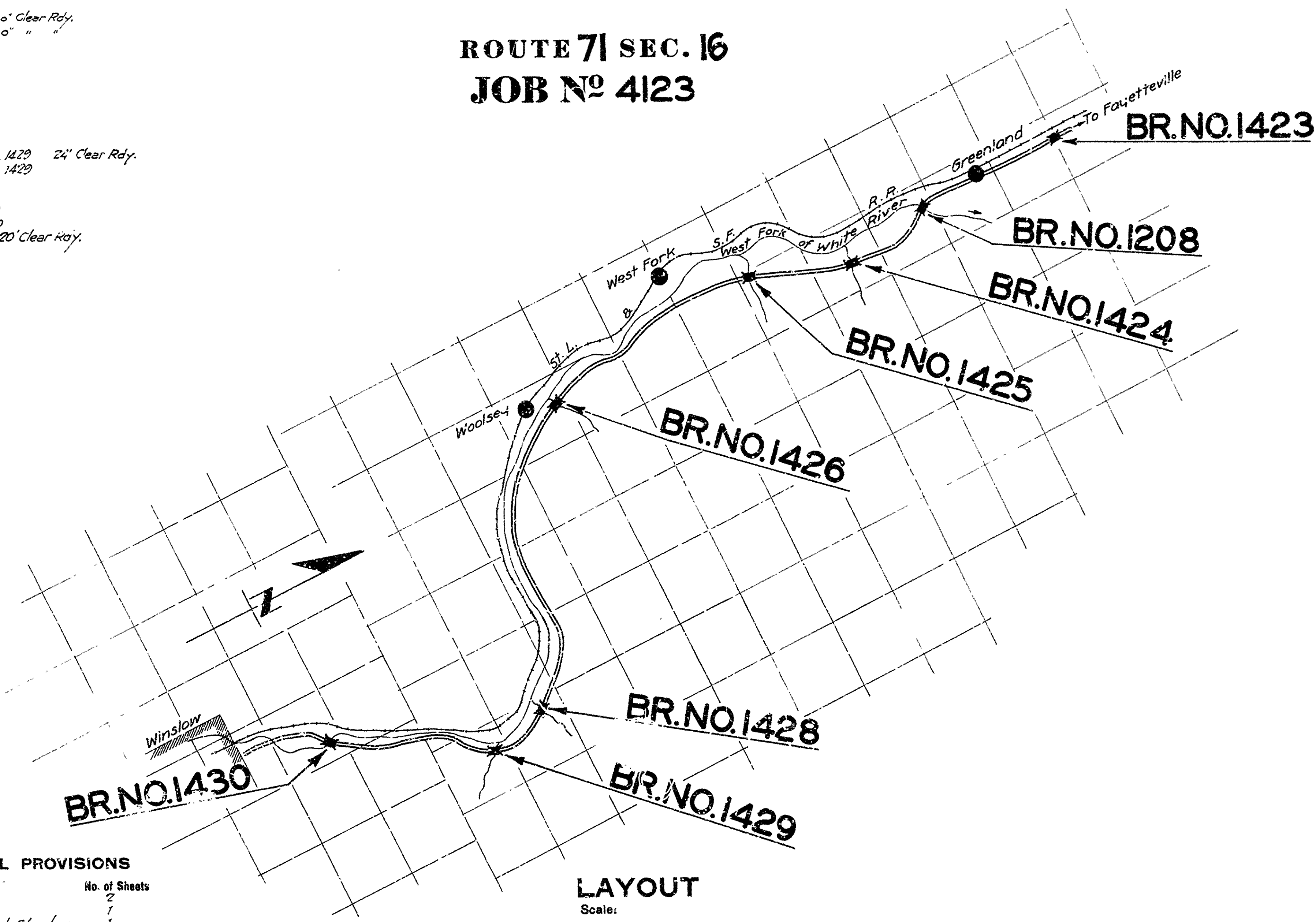
STATE OF ARKANSAS
STATE HIGHWAY COMMISSION

INDEX OF SHEETS

Sheet No. 1	Drwg. No. 2501	Title Sheet
" 2	" 2502	Layout Br. No. 1423
" 3	" 2503	Details of Br. No. 1423 Abutments
" 4	" 2504	" of Bents Br. No. 1423
" 5	" 1001	Details of Std. 25' R.C.D. Gir. 20'-0" Clear Rdy.
" 6	" 2505	Layout of Br. No. 1208
" 7	" 2506	Details of Abutments Br. No. 1208
" 8	" 2507	" of Piers Br. No. 1208
" 9	" 1095	" of Std. 100' Pony Truss Span, 20'-0" Clear Rdy.
" 10	" 2508	Layout of Br. No. 1424
" 11	" 2509	Details of Substructure Br. No. 1424
" 12	" 1103	" of Std. 35' R.C.D. Gir. 20' Clear Rdy.
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" 14	" 2511	Details of Abutments Br. No. 1425
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" 17	" 2514	Details of 30' R.C.D. Gir. - 20° Skew - 20'-0" Clear Rdy.
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" 20	" 2517	" of Substructure Br. No. 1426
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" 22	" 2519	Details of Abut. No. 1 Br. No. 1428
" 23	" 2520	" of Abut. No. 2 " " 1428
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" 25	" 1024	" of 35' R.C.D. Girder 25° Skew
" 26	" 2522	Layout of Br. No. 1429
" 27	" 2523	Details of Superstr. and Bents Br. No. 1429 24' Clear Rdy.
" 28	" 2524	" of Abutments " " 1429
" 29	" 2525	Layout of Br. No. 1430
" 30	" 2526	Details of Abutment No. 1 Br. No. 1430
" 31	" 2527	" of Bents " " 1430
" 32	" 2528	" of Abutment No. 5 " " 1430
" 33	" 2529	" of 35' R.C.D. Gir. 45° Rt. Skew 20' Clear Rdy.

PLAN OF PROPOSED BRIDGES
ON
FAYETTEVILLE-WINSLOW ROAD
WASHINGTON COUNTY

ROUTE 71 SEC. 16
JOB NO 4123



LAYOUT

Scale:
LENGTH OF PROJECT = 1795'-0" = .340 Mi.
LENGTH OF BRIDGES = 1070'-11"
LENGTH OF EMBANKMENT = 724'-1 1/2"

QUANTITIES

Item No. 12	Common Excavation	3740 Cu. Yds.
" 13	Dry " "	1677 " "
" 13	Wet " "	2802 " "
" 13	Rock " "	778 " "
" 17	Borrow " "	6882 " "
" 54	Class 'A' Concrete	1621.91 " "
" 54	" 'S' " "	954.49 " "
" 55	Reinf. Steel	410,231 Lbs.
" 56	Structural Steel (Trusses)	295,517 Lbs.
" 69	Rip Rap	245 Cu. Yds.
" 74	Concrete Handrail	1608 Lin. Ft.
" 5.P.	Removing Existing Structures	Lump Sum

The Specifications adopted by the State Highway Commission, May 30th, 1925 apply with subsequent revisions and Special Provisions noted apply to this Project.

Pamphlet A Revised Sept. 1st, 1928
" B
" C
" D Revised July 1st, 1928
" E
" F
" G
" H Revised Oct. 1st, 1928
" I
" J Revised Jan. 1st, 1929
" K
" L Revised Jan. 1st, 1929

Item	No. of Sheets
Borrow	2
Rip Rap	1
Removal of Existing Structures	1
Engineers Field Office	1
Work Order	1

M.B. Larver
BRIDGE ENGINEER

APPROVED
CHAIRMAN - STATE HIGHWAY COMMISSION

APPROVED
STATE HIGHWAY ENGINEER

BRIDGES NO. 1423-4-5-6-8-9-30 DRAWING NO. 2501

PR. BOLD E	NAME	DOB	SCALE	TIME	DATE
6	ARK	26-90		15	37



Drawn By: AD Date: _____ Scale: $\frac{3}{4}$ in. = _____ / ft.

Drawn By: AD Date: _____ Scale: $\frac{3}{4}$ in. = _____ / ft.

Drawn By: AS Date: _____ Scale: $\frac{3}{4}$ in. = _____ / ft.

Traced By: Spencer Date: 11-10-27
Checked By: _____ Date: _____

BRIDGE NO. 1424 DRAWING NO. 2509

Revised 7-5-30 EPR

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6 11-13-61 4 100
3399 4 100

BRIDGE NO.	CODE NO.	NAME PLATE TITLE	ITEM NUMBER	801	SP # 802	SP # 802	803	804	SP 805-7	SP # 806	812	817	1006	SP
			ITEM	Unclassified Excavation For Strs.	Class A Concrete	Class S Concrete	Reinforcing Steel	Steel Becriing Piling (12"BP@53#)	Steel or Aluminum Plate Guard Bridge Railing	Structural Steel in Beam Spans	Bridge Name Plates (Type C)	Riprap	Removal of Existing Bridge Structures	Remodeling Existing Bridge Structures
		UNIT OF BRIDGE UNIT		Cu. Yd.	Cu. Yd.	Cu. Yd.	Lb.	Lin. Ft.	Lin Ft.	Lb.	Plate	Cu. Yd.	Complete Item	Complete item
1424A	X 021	ROCK CREEK	ABUTMENTS 1 and 2	5	—	—	—	—	—	—	—	—	—	—
			BENTS 1 and 2	66	21.70	—	2280	—	—	—	—	—	—	—
			R.C.D.G. SPANS 1 & 3	—	—	43.65	8778	—	154.20	440	1	—	—	—
			R.C.D.G. SPAN 2	—	—	20.65	4440	—	70.00	440	—	—	—	—
			TOTAL for BR. No. 1424A	71	21.70	64.30	15,498	—	224.20	880	1	—	—	60%
1425A	X 021	DYE CREEK	ABUTMENTS 1 and 2	5	—	—	—	—	—	—	—	—	—	—
			BENT No 1	24	11.70	—	1180	—	—	—	—	—	—	—
			R.C.D.G. SPANS 1 and 2	—	—	43.60	8815	—	154.20	440	1	—	—	—
			TOTAL for BR. No. 1425A	29	11.70	43.60	9,995	—	154.20	440	1	—	—	40%
348B	X 031	WEST FORK WHITE RIVER	END BENTS 1 and 2	90	—	27.72	1,779	322	—	1460	1	262	—	—
			PIERS 1, 2 and 3	286	80.35	32.01	12,173	—	—	—	—	—	—	—
			PIERS 4 and 5	108	66.70	21.34	9007	—	—	—	—	—	—	—
			PIER 6	87	22.65	10.67	3783	—	—	—	—	—	—	—
			FOUR 50'-0" Comp. I-Bm. Spans	—	—	150.00	50,830	—	400.30	146,670	—	—	—	—
			THREE 60'-0" Comp. I-Bm. Spans	—	—	130.06	27,905	—	360.00	151,970	—	—	—	—
			TOTAL for BR. No. 348B	571	169.70	371.80	85,527	322	760.30	300,100	1	262	100%	—
			TOTAL FOR JOB 9399	671	203.10	479.70	111,020	322	1,138.70	301,420	3	262	100%	100%

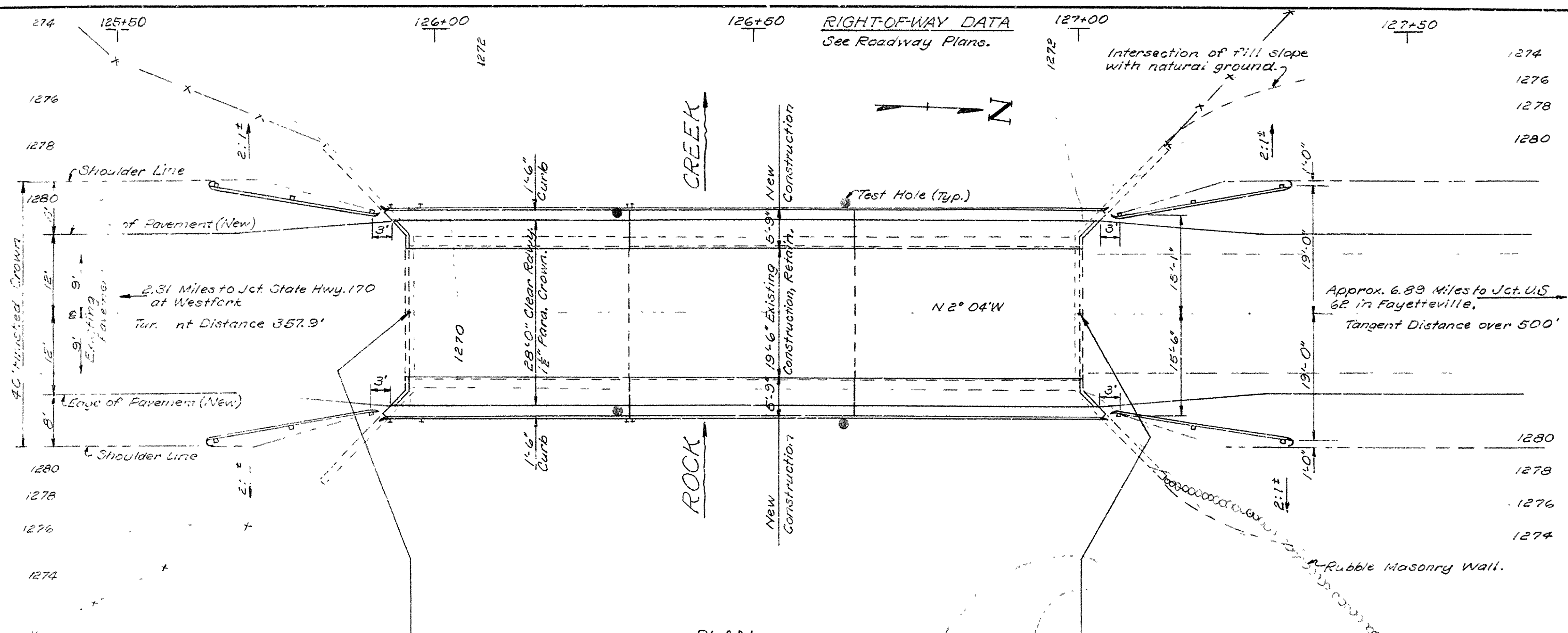
Revised Reinf Steel Quantity 1-25-62 H.B.

SCHEDULE OF BRIDGE QUANTITIES
WESTFORK-GREENLAND RECONSTRUCTION
WASHINGTON COUNTY

ROUTE 71 SEC. 16
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

DRAWN BY: P.S.S. DATE: 6-18-61
TRACED BY: DATE: 6-12-61
CHECKED BY: V.P. DATE: 6-12-61
BRIDGE NO. 1424A, 1425A & 348B
DRAWING NO. 11471

BRIDGE ENGINEER



GENERAL NOTES

All dimensions which relate to existing bridge are to be verified in the field. Drawings showing details of existing construction will be furnished on request.

Rock excavation shall be made to neat lines of concrete footings. Care shall be exercised to avoid shattering of rock faces or damaging existing footings by excessive blasting. Excavate a minimum of 0'6" into the material designated as Hard Blue Shale in the boring logs.

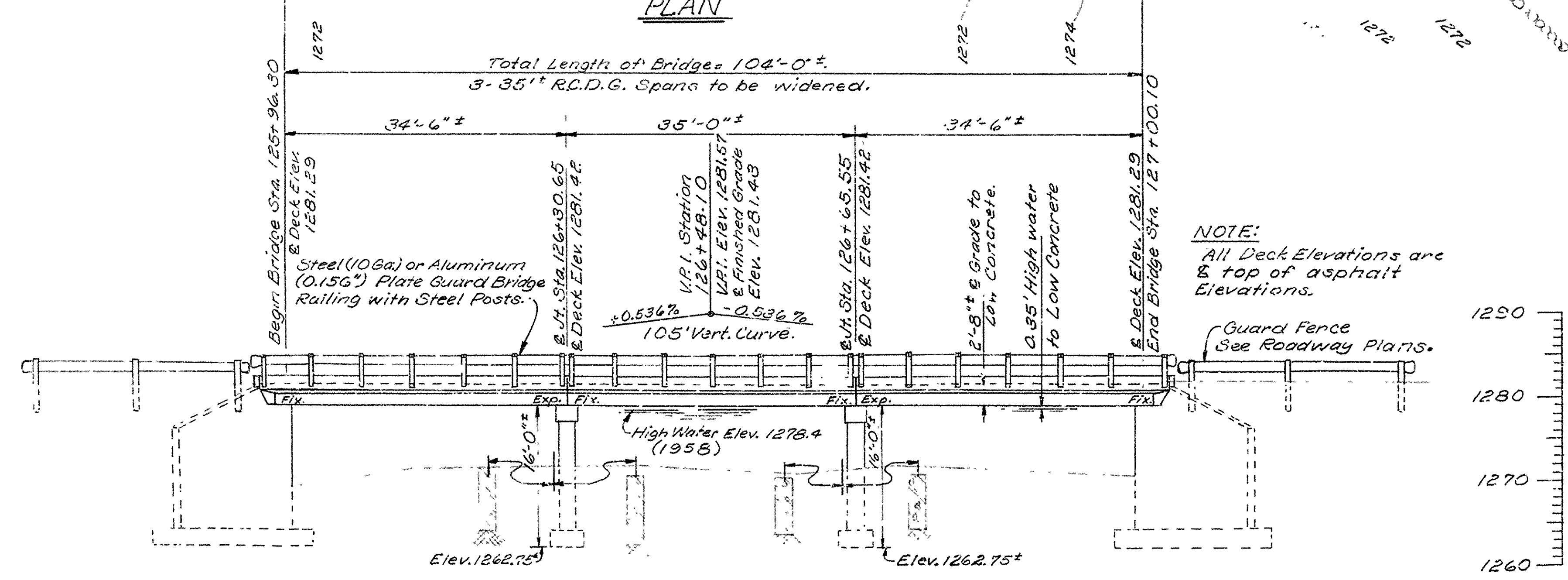
In general all construction joints in bents shall be horizontal and provided with keys 1/2" high and occupying the middle one-third of each dimension.

All concrete is to be poured in the dry. All exposed corners to have 3/4" chamfer unless otherwise noted.

For details of Substructure see Drwg. 11474.

For details of Superstructure see Drwg. 11475.

SPECIFICATIONS: Arkansas State Highway Commission Standard Specification for Highway Construction, Edition of 1959, and designated Special Provisions.



ABUTMENT NO. 1	BENT NO. 1	BENT NO. 2	ABUTMENT NO. 2
15' Lt. Sta. 126+29	15' Rt. Sta. 126+29	16' Lt. Sta. 126+64	17' Rt. Sta. 126+64
Top of Hole Elev. 1271.2	Top of Hole Elev. 1270.7	Top of Hole Elev. 1270.1	Top of Hole Elev. 1270.1
7.5' Firm Clay, Gravel & Boulders, Hard Blue Shale.	8.4' Firm Clay, Gravel & Boulders, Hard Blue Shale.	6.7' Firm Clay, Gravel & Boulders, Hard Blue Shale.	6.4' Firm Clay, Gravel & Boulders, Hard Blue Shale.

ELEVATION

Drainage Area = 6.1 Sq. Miles.
C = 1.0

DESIGN SPECIFICATIONS	AASHTO	1957
Live Load:	-20	
Unit Stresses:		
Class A Concrete (n=5)		840 psi
Class B Concrete (n=10)		1,200 psi
Reinforcing Steel		20,000 psi
Max. Foundation Pressure		3,000 psf

LAYOUT OF
BRIDGE OVER ROCK CREEK
WESTFORK-GREENLAND RECONSTRUCTION
WASHINGTON COUNTY
ROUTE 71 SEC. 16
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

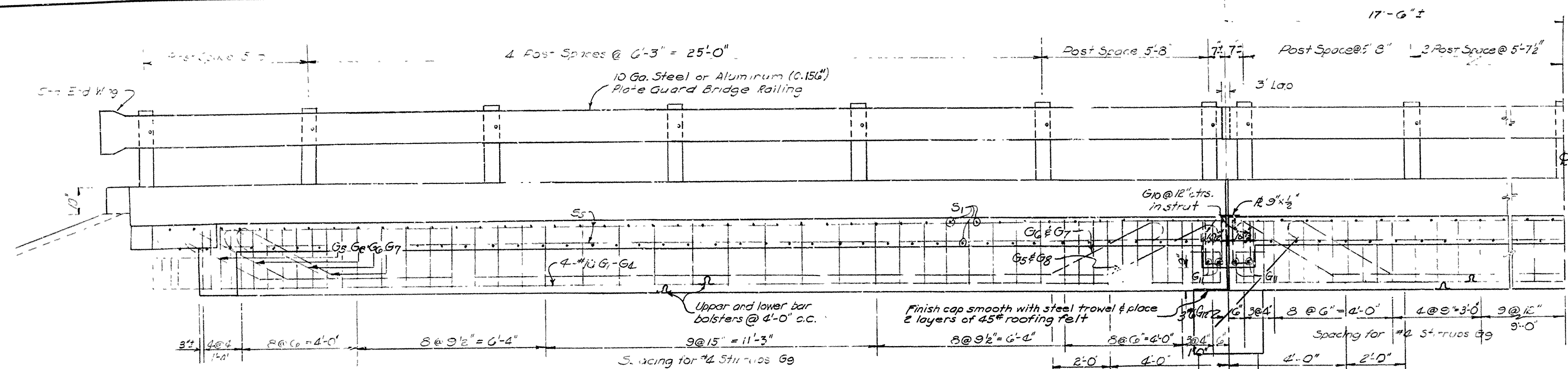
DRAWN BY: W.P. DATE: 5-3-61
TRACED BY: D.V. DATE: 5-25-61
CHECKED BY: D.V. DATE: 5-25-61

SCALE: 1"=10'-0"

BRIDGE NO. 1424A. DRAWING NO. 11472

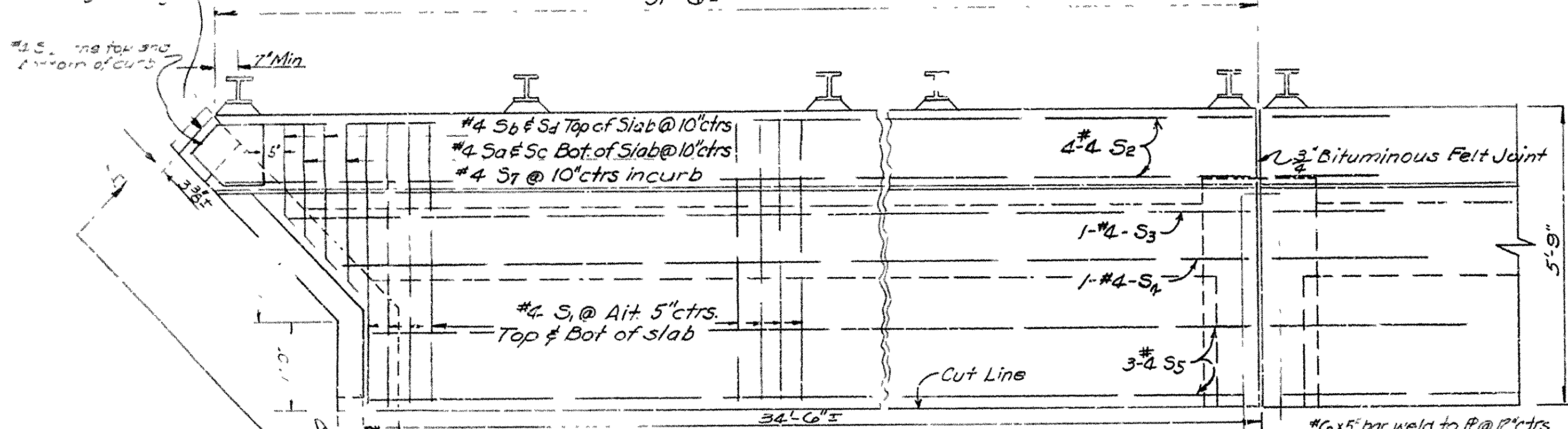
BENCH MARK
Nail in Power Pole 40' Lt.
Sta. 149+71 - Elev. 1294.11

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	ARK.	R011-3(3)		21	100
JOB NO.	3399				

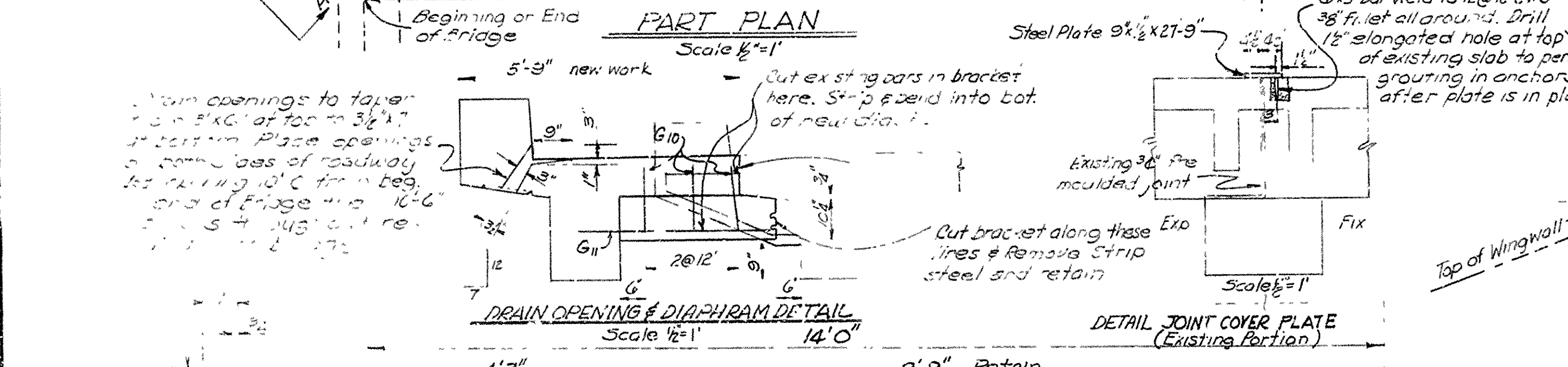


LONGITUDINAL SECTION
Scale 1/2" = 1'

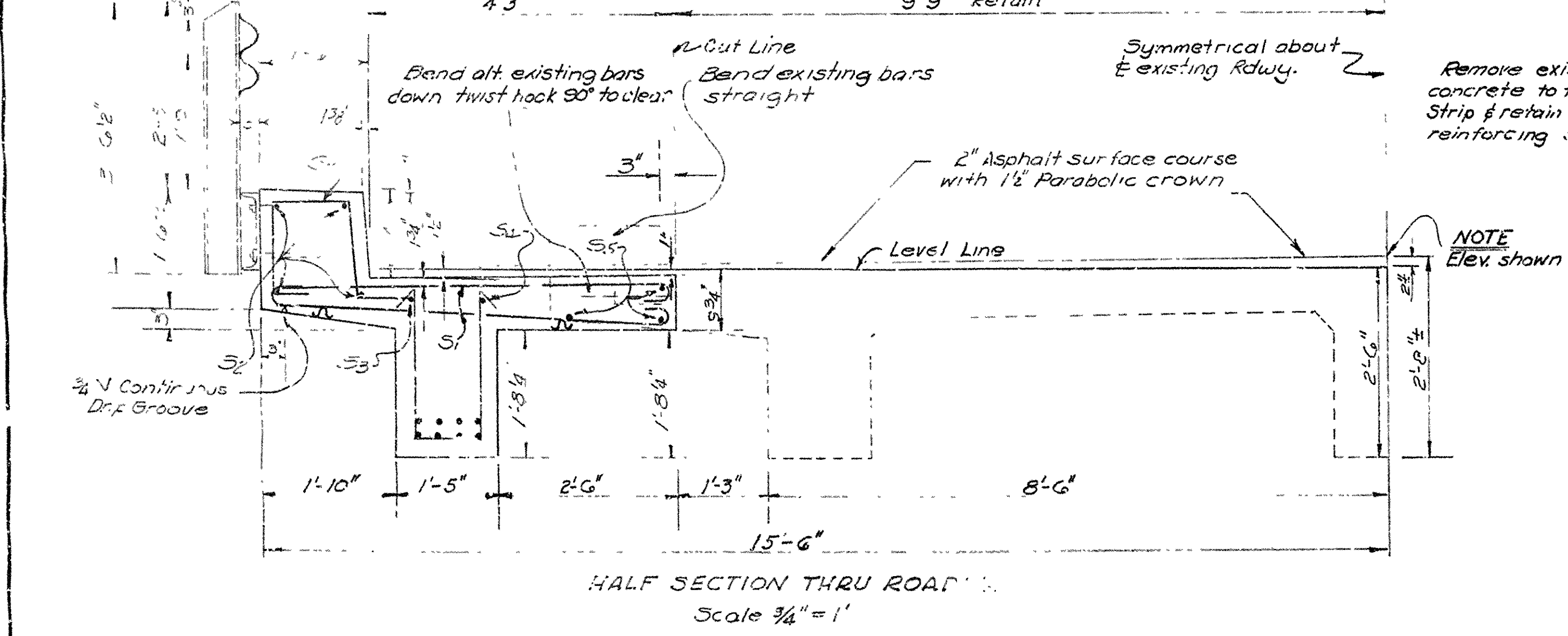
Bridge Name Plate
on R Side @ Beginning
of bridge only



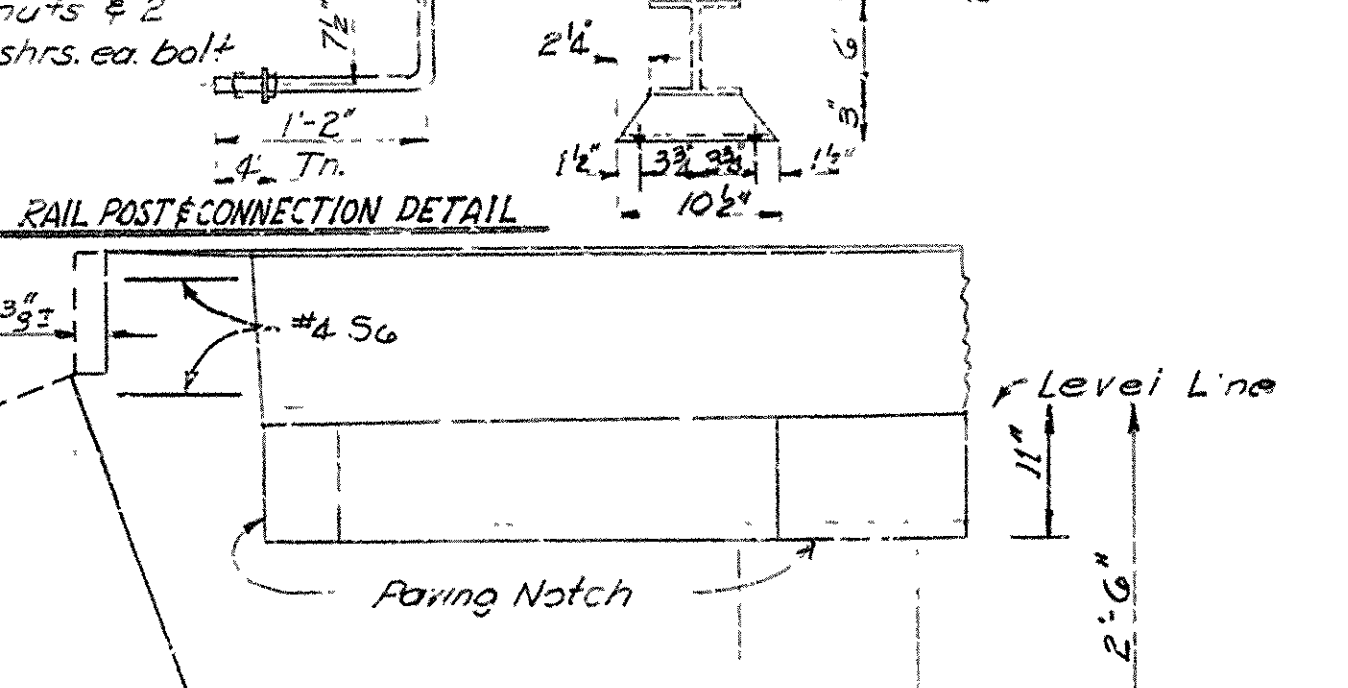
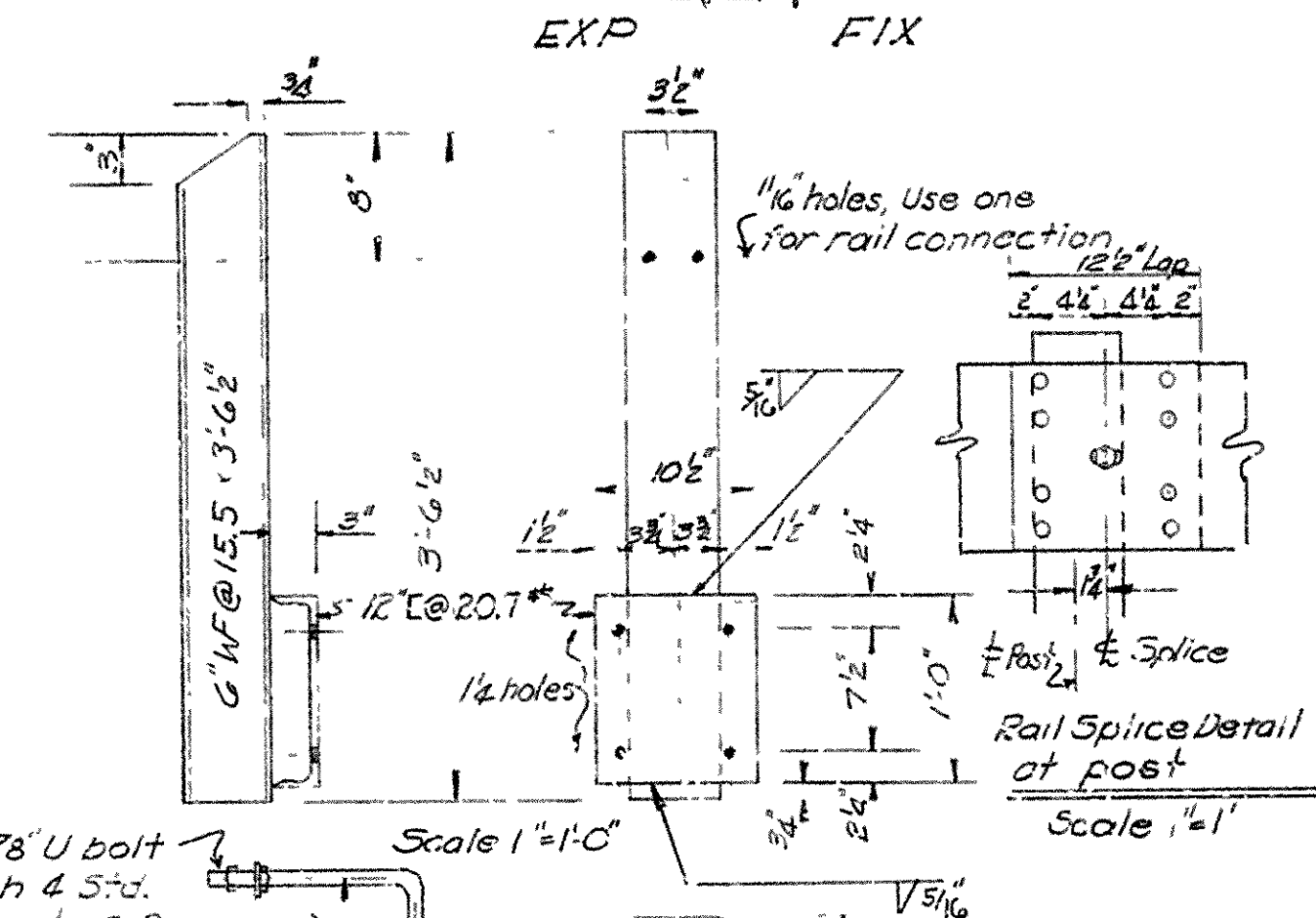
PART PLAN
Scale 1/2" = 1'



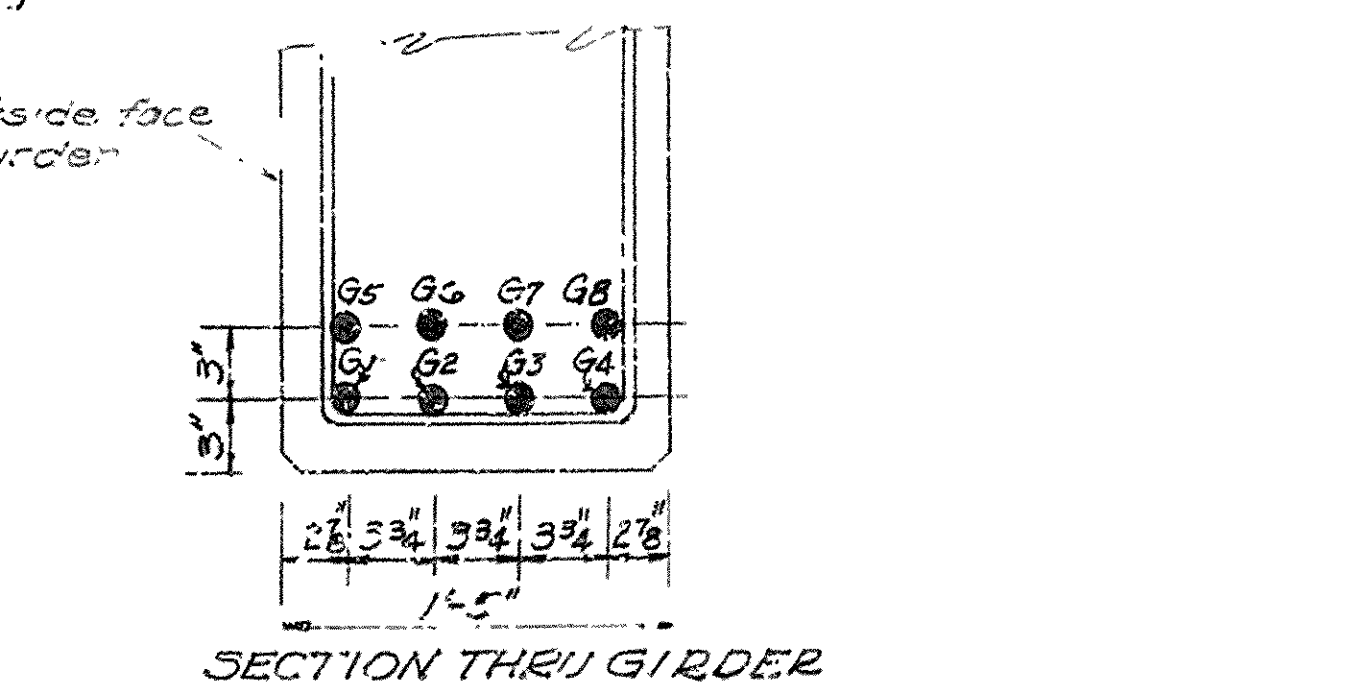
DRAIN OPENING & DIAPHRAGM DETAIL
Scale 1/2" = 1'



HALF SECTION THRU ROADWAY
Scale 3/4" = 1'



SECTION A-A
Scale 3/4" = 1'



SECTION THRU GIRDER
Scale 3/4" = 1'

BAR LIST (One Span)

Mark	Size	Number Req'd	Length	"A"	Bending Diagram
G1	#10	2	38-8	36-3	
G2	#10	2	38-4	35-11	
G3	#10	2	38-0	35-7	
G4	#10	2	37-8	35-3	
G5	#10	2	38-7	28-6	
G6	#10	2	35-0	24-11	
G7	#10	2	34-8	24-7	
G8	#10	2	37-7	27-6	
G9	#4	98	5-10	-	
S1	#4	106	6-5	5-5	
S2	#4	106	6-5	5-5	
S3	#4	106	6-5	5-5	
S4	#4	106	6-5	5-5	
S5	#4	106	6-5	5-5	
S6	#4	106	6-5	5-5	
S7	#4	106	6-5	5-5	
S8	#4	106	6-5	5-5	
S9	#4	106	6-5	5-5	
G10	#10	2	36-11	34-6	
G11	#10	2	37-1	37-0	
G12	#10	2	33-1	23-0	
G13	#10	2	34-6	27-0	
S10	#4	106	6-5	5-5	
S11	#4	106	6-5	5-5	
S12	#4	106	6-5	5-5	
S13	#4	106	6-5	5-5	
S14	#4	106	6-5	5-5	

GENERAL NOTES

All concrete to be Class S. All exposed corners to have 3/4" chamfer unless otherwise noted.
Removal of portions of the existing structure as shown by the details shall be performed and paid for according to Special Provisions.
The 3/4" bituminous felt joint shall be measured and paid for as Class S concrete.
The roadway joint cover plates shall be measured and paid for as Structural Steel in Beam Spans.
Reinforcing Steel to be deformed or of intermediate or hard grade.
For additional General Notes see Drawing 5362.

DETAILS OF WIDENING SUPERSTRUCTURE
BRIDGES OVER DYE & ROCK CREEK
WESTFORK-GREENLAND RECONSTRUCTION
WASHINGTON COUNTY

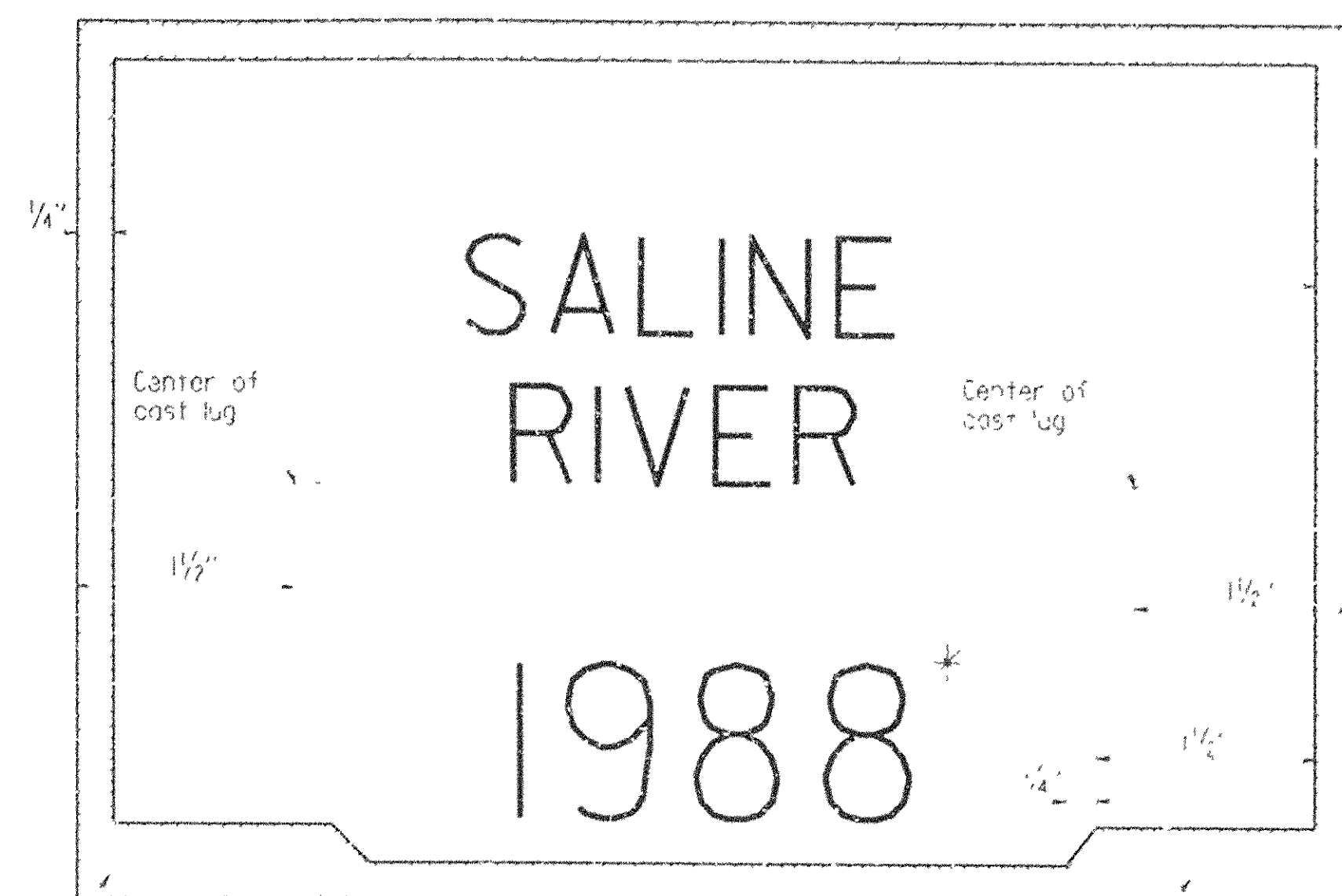
ROUTE 71 SEC. 16
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

DRAWN BY: DCS DATE: 5-15-61
CHECKED BY: JEM DATE: 6-7-61
BRIDGE NO. 1422A-F 1425A DRAWING NO. 11475

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
11-89	11-16-91			6	ARK.			
				JOB NO.				

① NAME PLATES 2389A

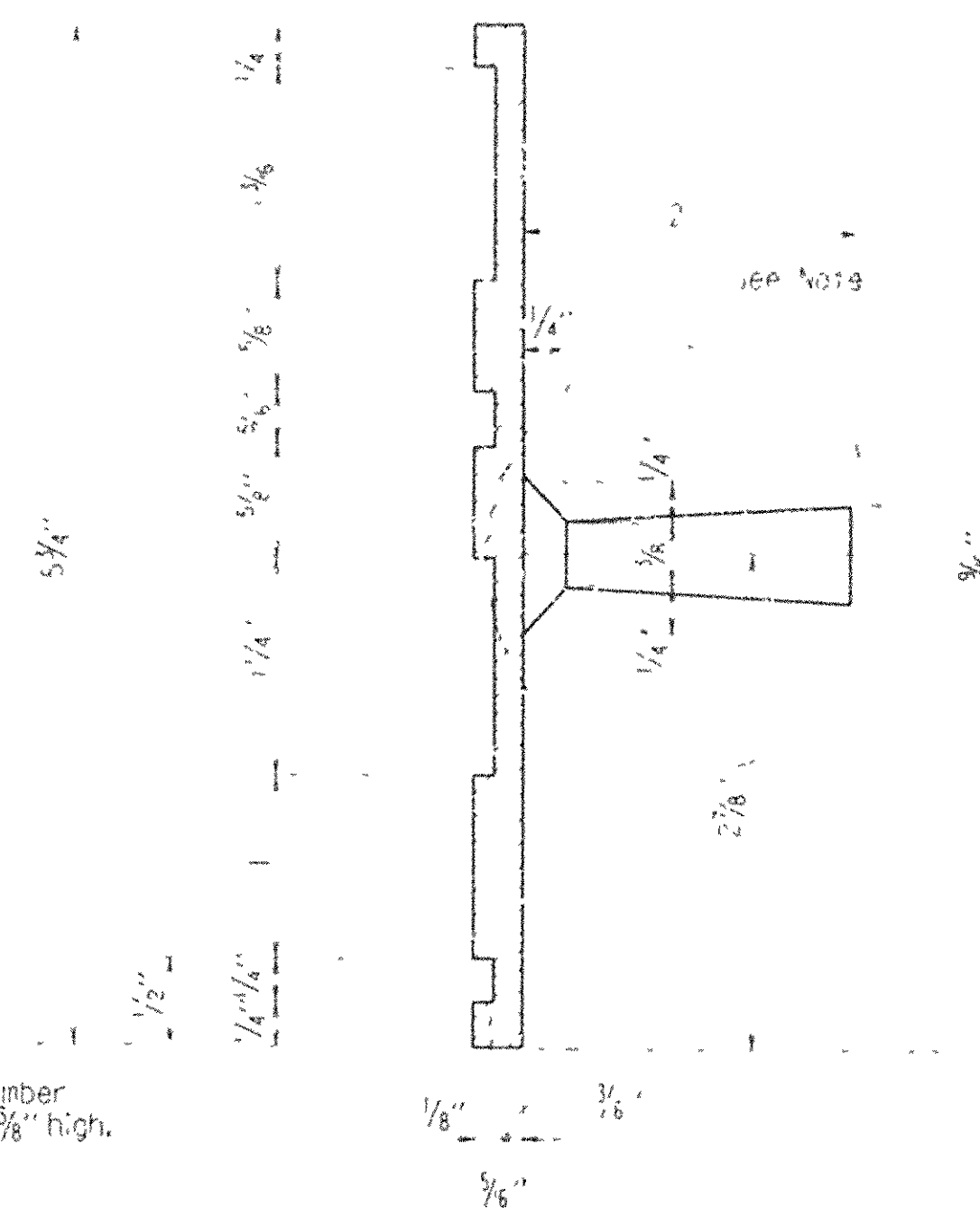
7" Minimum to 9" Maximum
(Length to be determined by the lettering required)



Stamp the design loading
here with letters and numerals
3/8" high. Example: HS 20

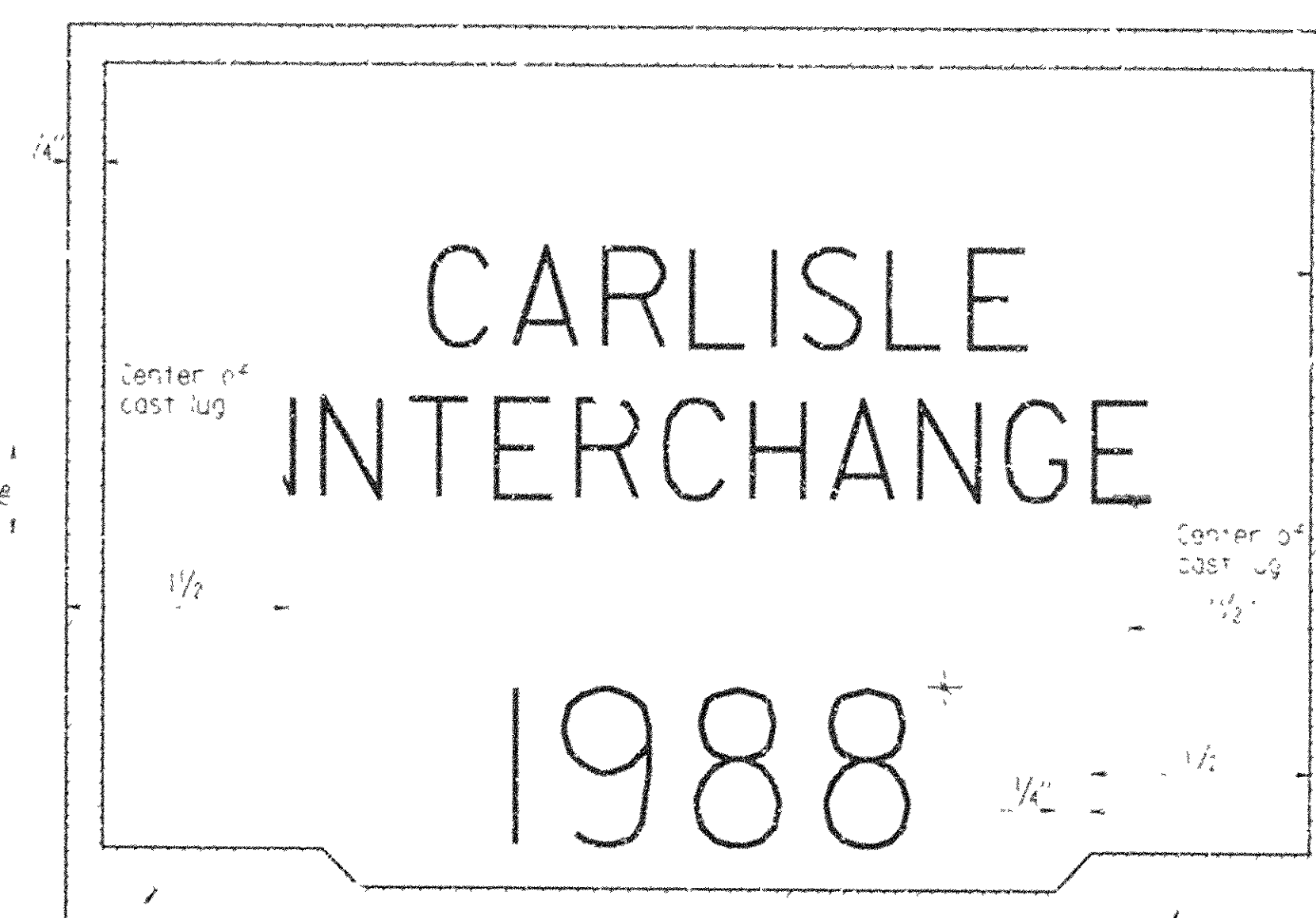
Stamp the bridge number
here with numerals 3/8" high.
Example: 6275

TYPICAL BRIDGE NAME PLATE-STYLE 1-FULL SIZE
STREAM CROSSINGS



Note: Alternate attachments may be used
provided such attachments are submitted
and approved secured before fabrication
is begun.

7" Minimum to 9" Maximum
(Length to be determined by the lettering required)



Stamp the design loading
here with letters and numerals
3/8" high. Example: HS 20

Stamp the bridge number
here with numerals 3/8" high.
Example: 6275

TYPICAL BRIDGE NAME PLATE-STYLE 3-FULL SIZE
GRADE SEPARATION STRUCTURES

GENERAL NOTES

1. Name plates shall be either cast aluminum or bronze and shall meet the material requirements as specified in section 611 of the standard specifications.

2. Body of plate shall be 1/4" thick and shall include two tapering slots 1/8" to 3/8" x 1/4" deep. The border and all lettering shall be raised 1/4" above the face of plate and ends be polished.

3. All lettering shall be polished, square cut and not tapered.

4. The number of plates required and the location and name on the route for each bridge shall be as designated on the plans.

5. Specifications: Arkansas State Highway and Transportation Department Standard Specifications for Highway Construction, Current Edition, with applicable Supplemental Specifications and Special Provisions.

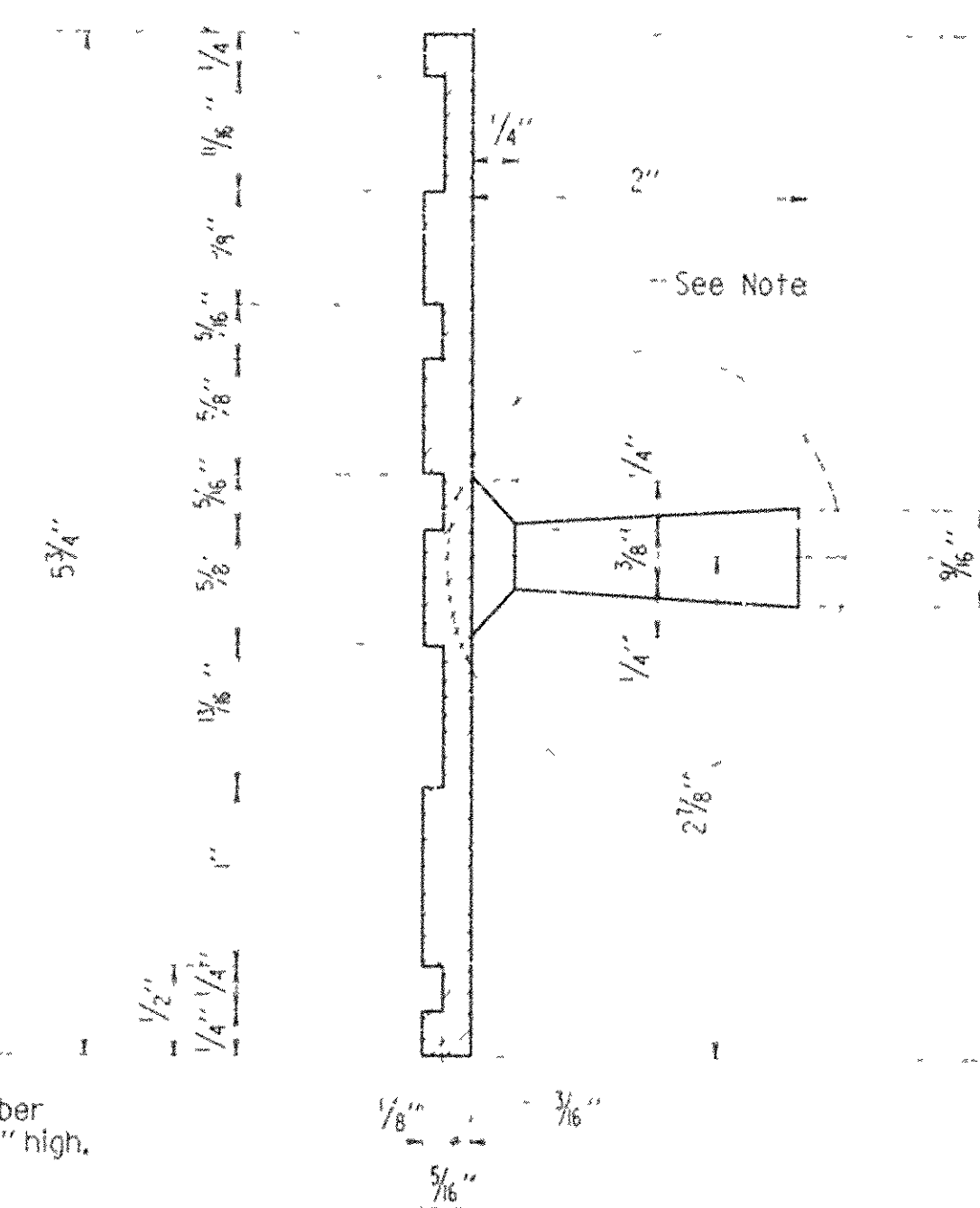
7" Minimum to 9" Maximum
(Length to be determined by the lettering required)



Stamp the design loading
here with letters and numerals
3/8" high. Example: HS 20

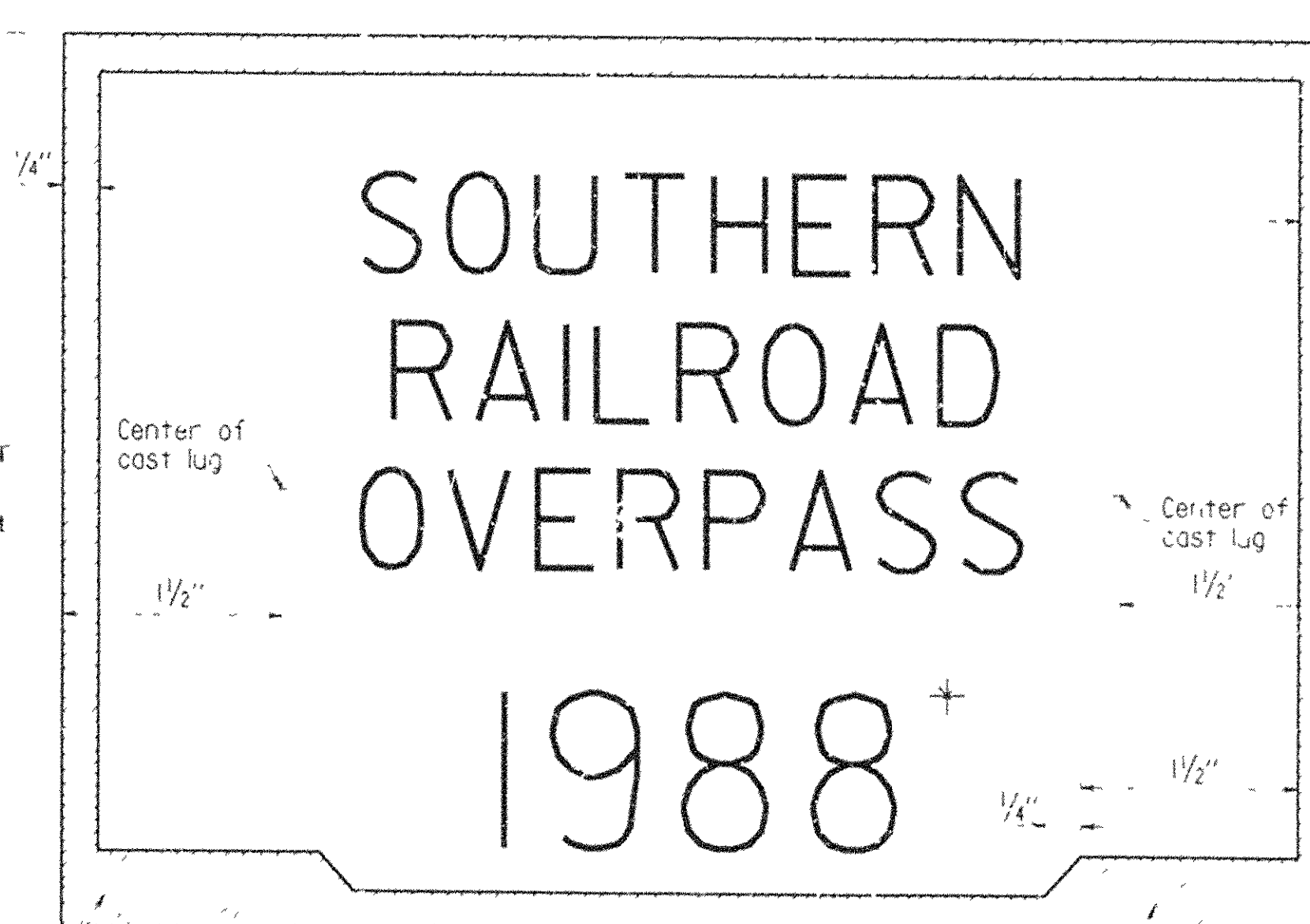
Stamp the bridge number
here with numerals 3/8" high.
Example: 6275

TYPICAL BRIDGE NAME PLATE-STYLE 2-FULL SIZE
STREAM CROSSINGS



See Note

7" Minimum to 9" Maximum
(Length to be determined by the lettering required)



Stamp the design loading
here with letters and numerals
3/8" high. Example: HS 20

Stamp the bridge number
here with numerals 3/8" high.
Example: 6275

TYPICAL BRIDGE NAME PLATE-STYLE 4-FULL SIZE
GRADE SEPARATION STRUCTURES

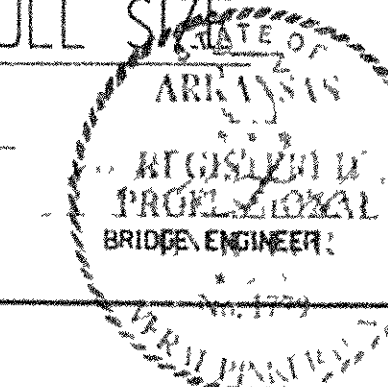
* Year in which contract is awarded.

Revised notes, 11-16-89, LM
Rev. General Notes, 11-2-90, W.M.G.
Rev. General Notes 11-11-92, CR/Part

DETAILS OF STANDARD
TYPE C BRIDGE NAME PLATES

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

DRAWN BY: LDF DATE: 6-16-88
CHECKED BY: CPB DATE: 6-16-88 SCALE: FULL SIZE
DESIGNED BY: DATE:
BRIDGE NO. DRAWING NO. 2389A



DATE
REVISED

DATE
FILMED

DATE
REVISED

DATE
FILMED

FED. ROAD
NO.

STATE

FED. AID PROJ. NO.

SHEET
NO.

TOTAL
SHEETS

6

ARK.

JOB NO.

4878

5

52

① 1425W, 1424W, 3488W QUANT.

24025

173

SCHEDULE OF BRIDGE QUANTITIES - JOB 4848

BRIDGE NO.	CODE NO.	NAME PLATE TITLE	UNIT OF BRIDGE	ITEM NO.	801	802	802	803	804	805	SP # 807	812	SPJOB 4848	SPJOB 4848	SPJOB 4848	SPJOB 4848	SPJOB 4848	816	816
				ITEM	UNCLASSIFIED EXCAVATION FOR STRUCTURES -BRIDGE	CLASS S CONCRETE	CLASS S(AE) CONCRETE	BOILED LINSEED OIL	REINFORCING STEEL (GRADE 60)	STEEL BEARING PILING (HP 10 x 42)	STRUCTURAL STEEL IN BEAM SPANS (A572-GR 50)	BRIDGE NAME PLATES (TYPE C)	ARMORED JOINT WITH NEOPRENE STRIP SEAL	REMODELING EXISTING BRIDGE	CLASS A BRIDGE FLOOR REPAIR	CLASS B BRIDGE FLOOR REPAIR	BRIDGE- FLOOR OVERLAY	DUMPED RIPRAP	FILTER BLANKET
				UNIT	CU. YD.	CU. YD.	CU. YD.	GAL.	LB.	LIN. FT.	LB.	EACH	LIN. FT.	LUMP SUM	SQ. YD.	SQ. YD.	SQ. YD.	CU. YD.	CU. YD.
1425W	X020	DYE CREEK		ABUTMENT 1 & 2	493	154.76			20,241										
				BENT 1	69	29.84			3,989										
				SPAN 1 & 2			172.30	19.6	24,900			1			10.70	2.10	213.40		
				TOTALS FOR BR. NO. 1425W	562	184.60	172.30	19.6	49,130			1		0.1	10.70	2.10	213.40		
1424W	X020	ROCK CREEK		ABUTMENT 1 & 2	386	124.16			15,827										
				BENT 1 & 2	126	60.24			7,977										
				SPAN 1 & 3			172.30	19.6	24,900			1			10.67	2.13	213.40		
				SPAN 2			73.00	9.3	11,456						5.33	1.07	106.30		
				TOTALS FOR BR. NO. 1424W	512	164.40	245.30	28.9	60,160			1		0.2	16.00	3.20	319.70		
3488W	X071	WEST FORK OF WHITE RIVER		BENT 1 & 2	61	27.52		0.2	2,948	176	791	1						415	138
				PIER 1 & 2	180	63.52			7,693										
				PIER 3	69	36.93			4,183										
				PIER 4 & 5	68	80.14			8,976										
				PIER 6	78	31.69			3,693										
				4- 50' W-BEAM SPANS			197.00	28.0	43,242		100,535		280.0		28.90	5.80	577.76		
				3- 60' W-BEAM SPANS			177.30	25.2	39,035		93,714		168.0		26.00	5.20	519.94		
				TOTALS FOR BR. NO. 3488W	456	239.80	374.30	53.4	109,770	176	195,040	1	448.0	0.7	54.90	11.00	1,097.70	415	138
				TOTALS FOR JOB NO. 4848	1530 *	608.80	791.90	101.90	219,060	176	195,040	3	448.0	1.0	81.60	16.30	1,630.80	415	138

* Includes approx. 162 cu. yds. of Rock Excavation.

SCHEDULE OF BRIDGE QUANTITIES
WESTFORK-GREENLAND
WASHINGTON COUNTY
ROUTE 71 SEC. 16
ARKANSAS STATE HIGHWAY COMMISSION

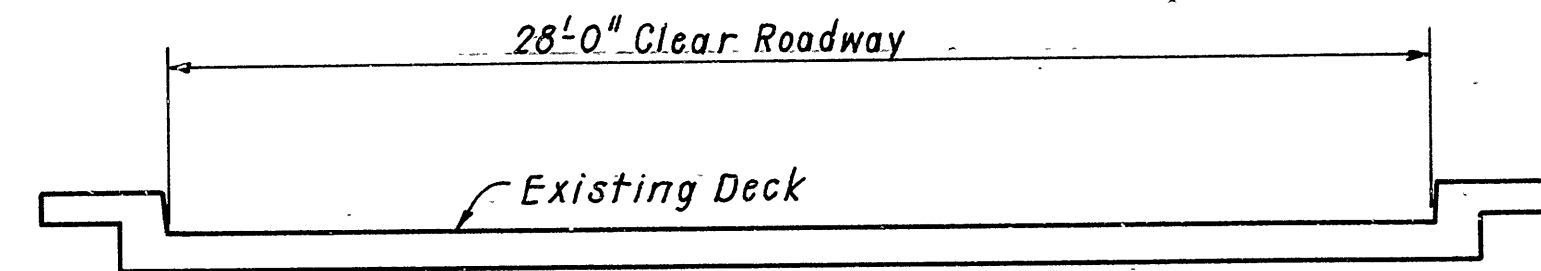
D.F. LOE
DESIGN SQUAD SUPERVISOR

Vera Pinkerton
BRIDGE ENGINEER

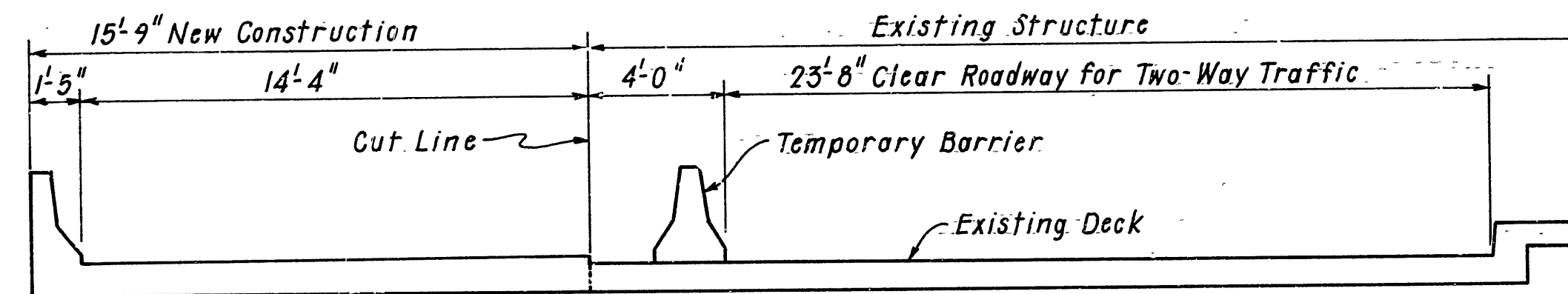
DRAWN BY: *H. May* DATE: 5-23-80
CHECKED BY: *D.H.P.* DATE: 5-26-80
DESIGNED BY: DATE:
BRIDGE NO. 1425W, 1424W & 3488W

SCALE:
DRAWING NO. 24025

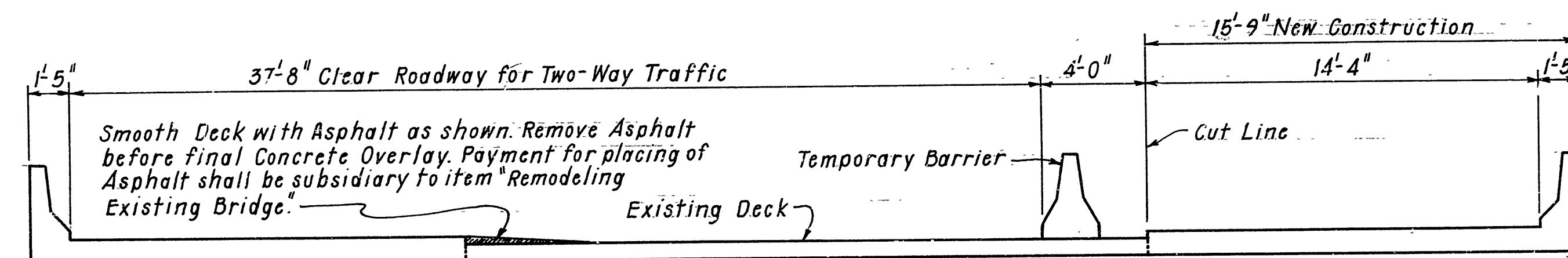
DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. ROAD NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.	4876		20	52
				① 1425W, 1424W MISC.				24035



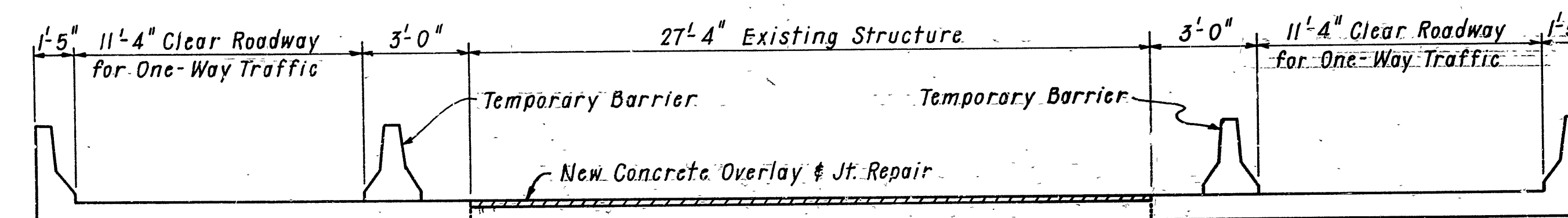
EXISTING BRIDGE DECK



STAGE I CONSTRUCTION



STAGE II CONSTRUCTION



STAGE III CONSTRUCTION

STAGE CONSTRUCTION SEQUENCE

N.T.S.

Note: For details of Temporary Barriers see dwg. no. 1896B.

STAGE CONSTRUCTION SEQUENCE FOR
ROCK CREEK & DYE CREEK BRIDGES
WESTFORK - GREENLAND
WASHINGTON COUNTY
ROUTE SEC.
ARKANSAS STATE HIGHWAY COMMISSION

LITTLE ROCK, ARK.

DRAWN BY: H. May DATE: 4-29-80

CHECKED BY: DATE:

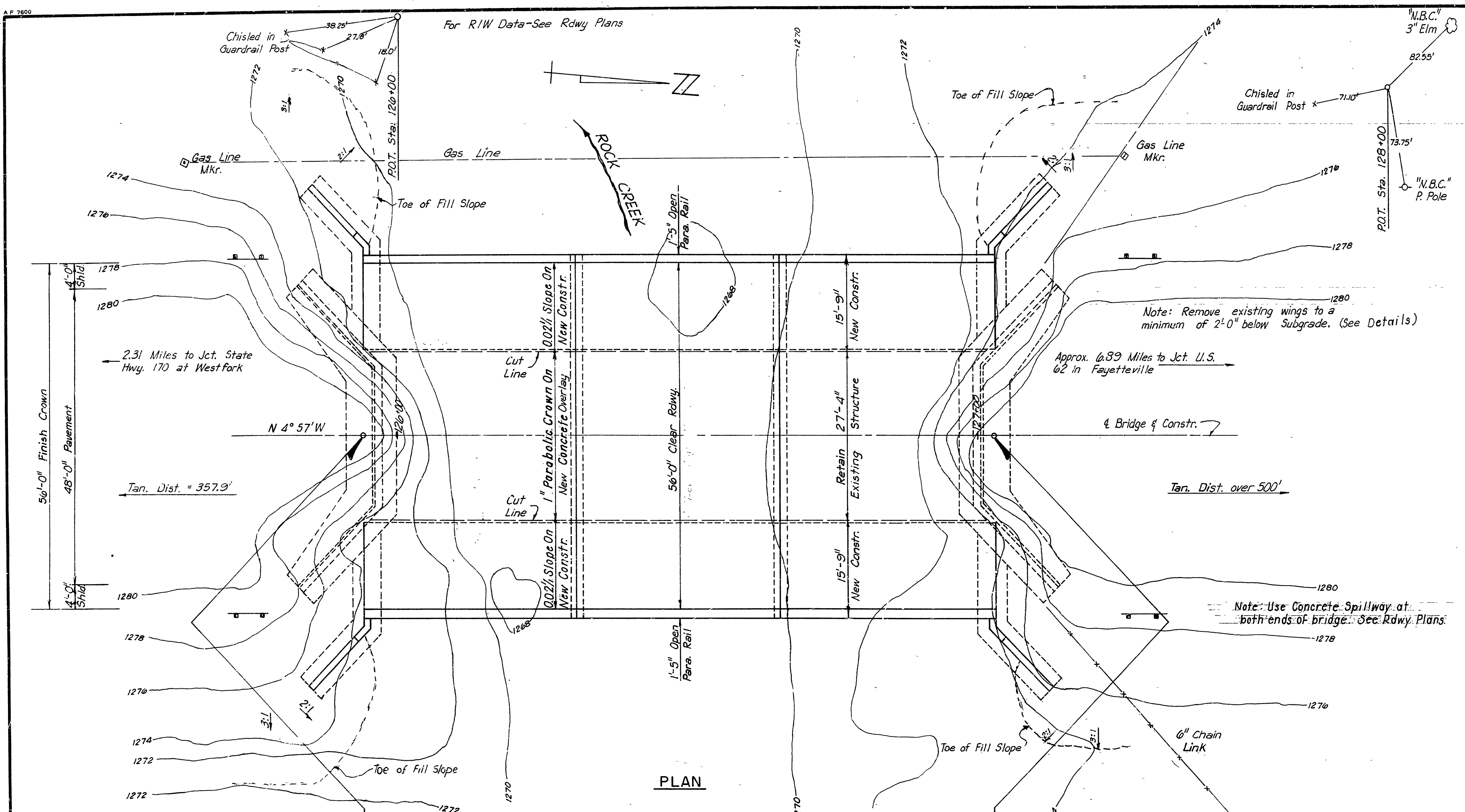
DESIGNED BY: DATE:

SCALE:

BRIDGE NO. 1425W, 1424W DRAWING NO. 24035

Wesley D. Burton
BRIDGE ENGINEER

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. ROAD NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
						JOB NO.	4878	21
							LAYOUT	24036



GENERAL NOTES

BENCH MARK: "X" CUT IN S.E. END OF BR. ON WHEEL GUARD 14' STA. 125+96, ELEV. 1282.15.

FOOTINGS FOR INTERMEDIATE BENTS SHALL BE SET A MINIMUM OF 1'-6" INTO ROCK. FOUNDATIONS FOR FOOTINGS SHALL BE PREPARED IN ACCORDANCE WITH ARTICLE 801.0 OF THE STANDARD SPECIFICATIONS. ABUTMENT FOOTINGS SHALL BE PLACED IN ROCK AT APPROXIMATELY THE SAME ELEVATION AS THE EXISTING FOOTINGS. ALL CONCRETE SHALL BE POURED IN THE DRY.

ALL DIMENSIONS RELATING TO EXISTING BRIDGE ARE TO BE VERIFIED IN THE FIELD AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING WIDENING TO EXISTING STRUCTURE.

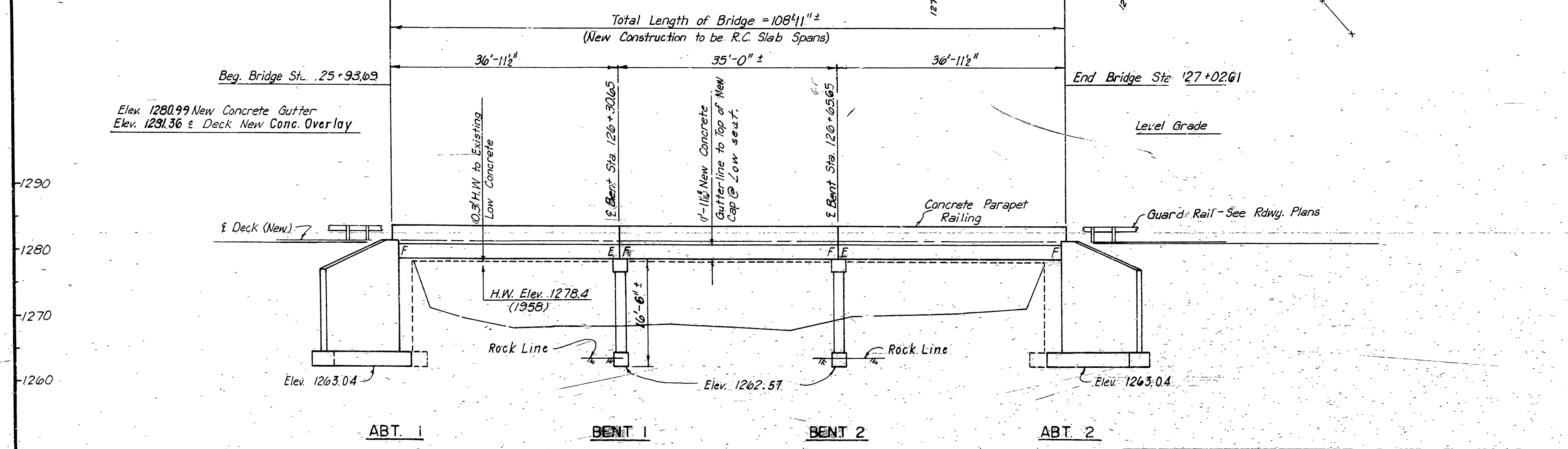
PLANS OF THE EXISTING STRUCTURE WILL BE MADE AVAILABLE TO THE CONTRACTOR UPON REQUEST. DRAWING NO. 11472 - 11474, 11475, 2508, 2509, 1003.

FOR DETAILS OF WIDENING ABUTMENTS, SEE DWG. NO. 24037 & 24038
FOR DETAILS OF WIDENING INT. BENTS, SEE DWG. NO. 24031
FOR DETAILS OF WIDENING SPANS, SEE DWG. NO. 24032 - 24034
FOR STAGE CONSTRUCTION SEQUENCE, SEE DWG. NO. 24035

SPECIFICATIONS: ARKANSAS STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EDITION OF 1976 AND APPLICABLE SPECIAL PROVISIONS.

DESIGN SPECIFICATIONS: AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, 1977 WITH INTERIM SPECIFICATIONS.

LIVE LOAD: HS20 (NEW CONSTRUCTION)
METHOD OF DESIGN: (NEW CONSTRUCTION)
SUPERSTRUCTURE: LOAD FACTOR
SUBSTRUCTURE: LOAD FACTOR



ELEVATION
D.A. = 6.1 sq. miles

LAYOUT OF BRIDGE
OVER ROCK CREEK
WESTFORK - GREENLAND
WASHINGTON COUNTY
ROUTE SEC.

ARKANSAS STATE HIGHWAY COMMISSION

LITTLE ROCK, ARK.
DRAWN BY: F.R.W. DATE: 2-20-80
CHECKED BY: C.E.L. DATE: 4-29-80
DESIGNED BY: C.E.L. DATE: 2-19-80
SCALE: 1"=10'-0"
BRIDGE NO. 1424W DRAWING NO. 24036

BAR LIST - ONE ABUT.

Mark	A	B
B605	3'-9"	3'-1
C726	4'-6"	3'-1

[illegible]

15'-11"

Elev. 1279.07 Rock Creek

11-B407 @ 18" oc

1'-10 3/4"

3"

1/2" Bituminous Felt
Top of Back Face Batter (typ.)

4"

5-B406 @ 10" oc

4"

14'-6 3/8"

6-B402 @ 6" oc (bk. fc.)

10-B404 @ 18" oc (fr. fc.)

10-B405 @ 18" oc (bk. fc.)

22-B401 @ 6" oc (bk. fc.)

2-B401 @ 18" oc (fr. fc.)

8-B402 @ 18" oc (fr. fc.)

18" 9"

B403 (fr. fc.)

B403 (bk. fc.)

18"

6"

14 D401 @ 12" (Drill 1 1/2" Holes into Existing Abutment & Grout)

Existing Abutment

15'-0"

Note: Drill 1 1/2" holes approx. 18" into existing footing & grout in B404 & B408. Payment for drilling & grouting subsidiary to "Reinforcing Steel."

2-B408 @ 18" oc (fr. fc.)

9-B407 @ 18" oc (fr. fc.)

Elev. 1203.04 Rock Creek

9"

23-B405 @ 6" oc (bk. fc.)

6-B404 @ 6" oc (bk. fc.)

18"

1'-0"

A

Note: Drill $1\frac{1}{2}$ " ϕ holes approx. 18" into existing footing & grout in B404 & B408. Payment for drilling & grouting subsidiary to "Reinforcing Steel."

ELEVATION

ROUTE SEC.
ARKANSAS STATE HIGHWAY COMMISSION

LITTLE ROCK, ARK.

DESIGNED BY: E.R.W. DATE: 3-28-80

CHECKED BY: GVA DATE: 3-28-80

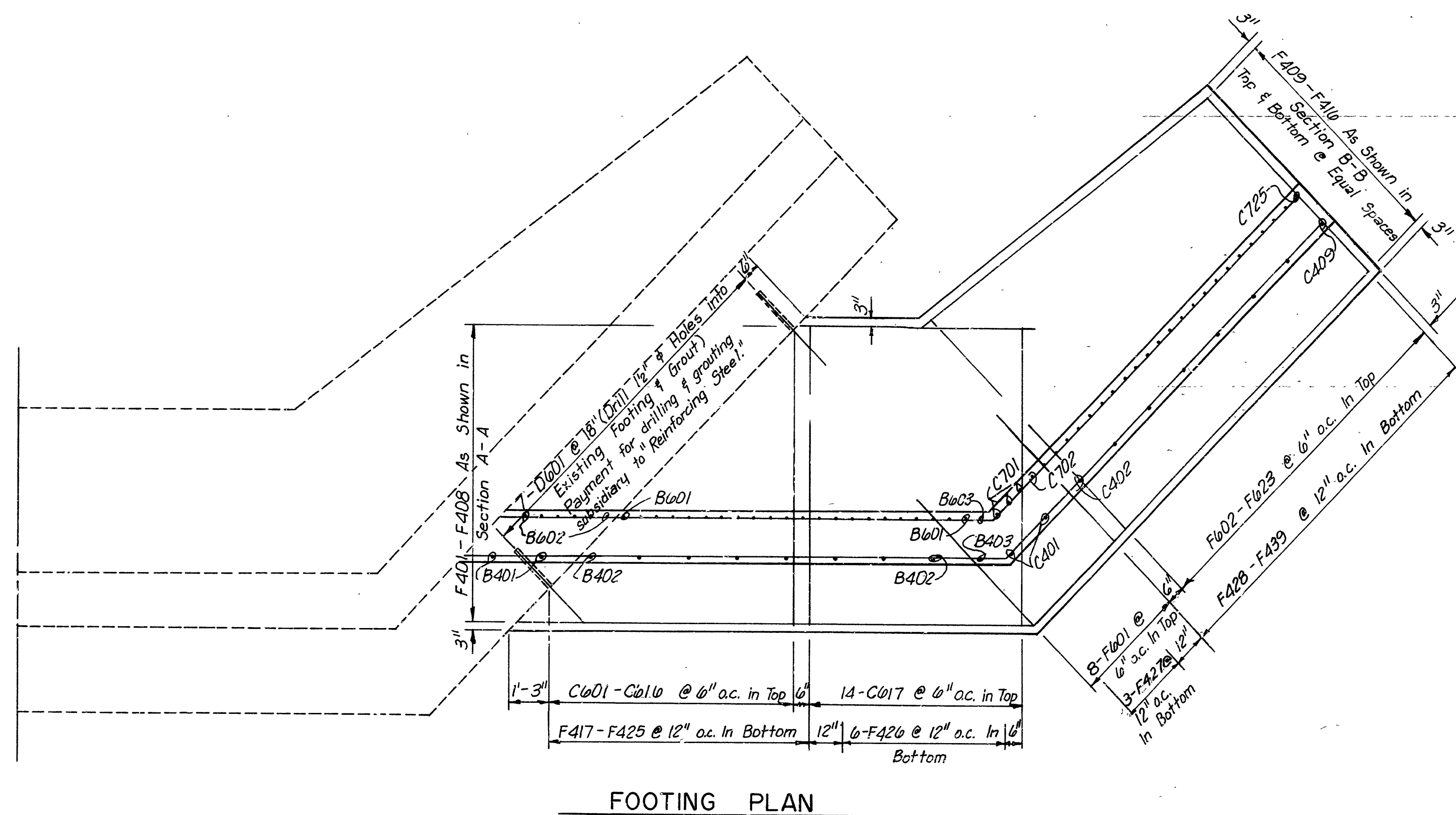
OBSERVED BY: CEL DATE: 3-28-80

SCALE: 3"=1'-0" or as Noted

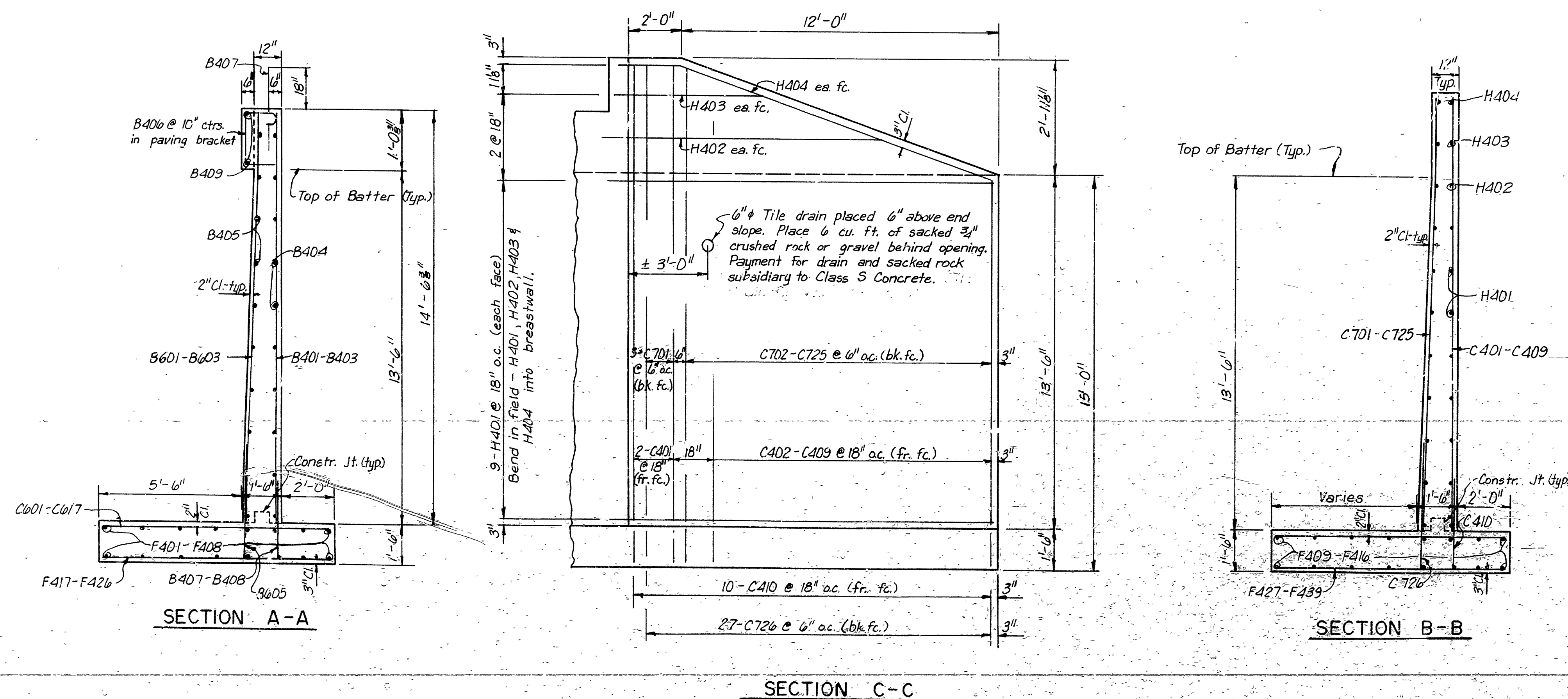
BRIDGE NO. 1424W **DRAWING NO. 24037**

DATE REVISED	DATE FILED	DATE REFILED	DATE FILED	FED. ROAD NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.	4878	23	52	

⑦ 1424W ABUTMENT 24038



FOOTING PLAN



SECTION A-A

SECTION C-C

SECTION B-B

SHEET 2 OF 2
ABUTMENT DETAILS FOR
ROCK CREEK
WESTFORK - GREENLAND
WASHINGTON COUNTY

ROUTE SEC.
ARKANSAS STATE HIGHWAY COMMISSION

THE ROCK ARK

DRAWN BY: ERW DATE: 3-25-80
CHECKED BY: GVA DATE: 4-28-80 SCALE: $\frac{3}{8}'' = 1'-0''$
DESIGNED BY: CEC DATE: 3-24-80

BRIDGE NO. 1424W DRAWING NO. 24038