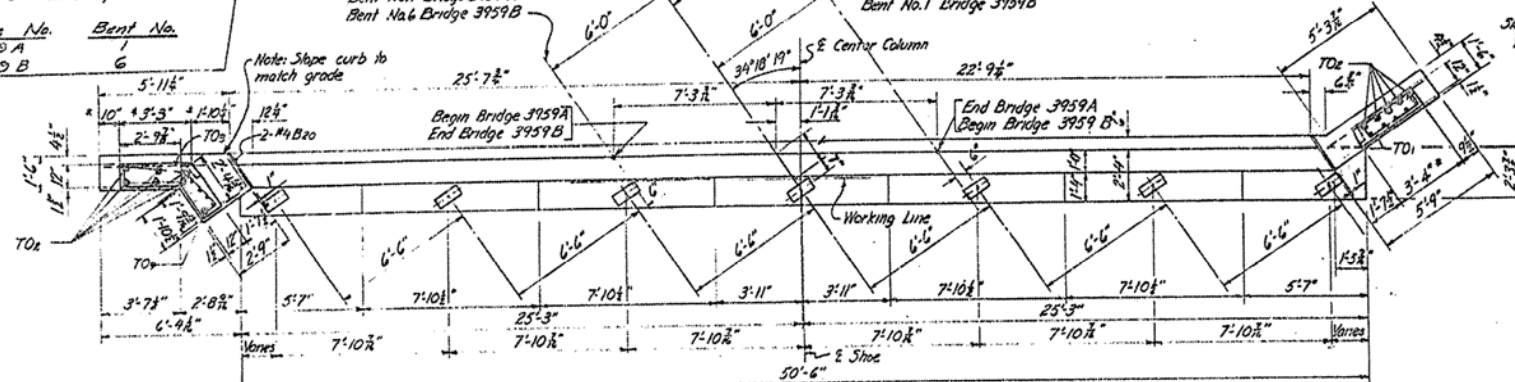


* Unit recessed panel & concrete anchors on both posts of:

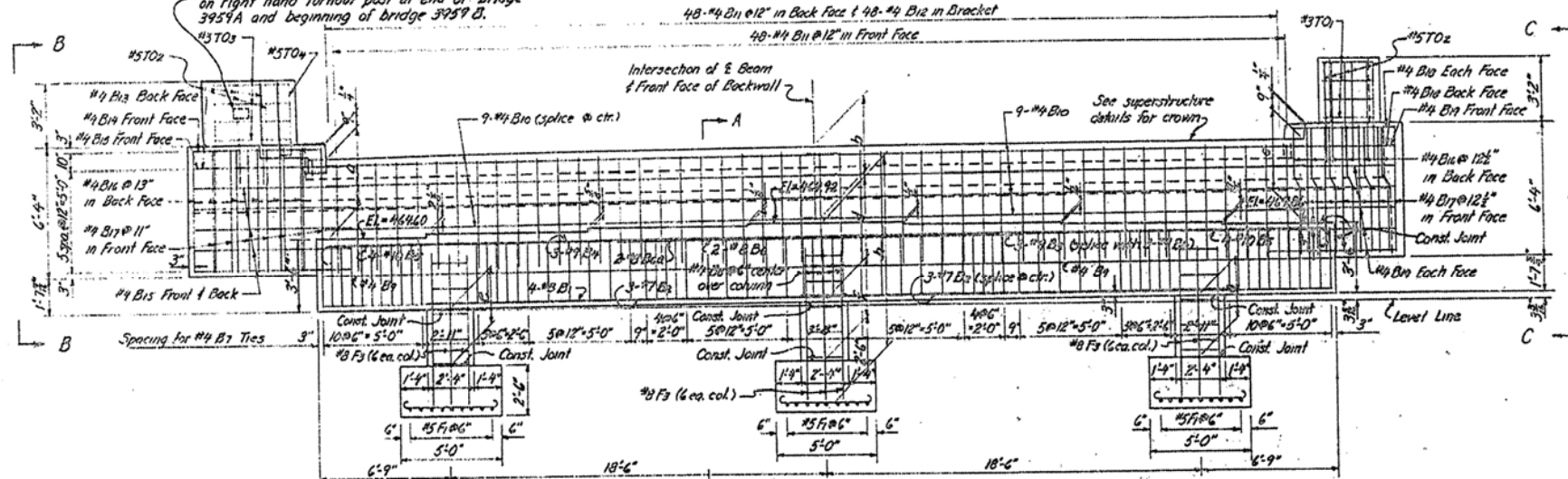
Bridge No. 3959 A
Bent No. 6

5 Main Lanes
Bent No. 1 Bridge 3959 A
Bent No. 6 Bridge 3959 B



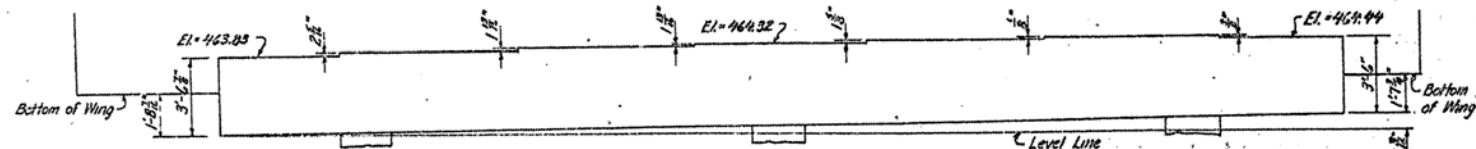
PLAN

Place type C standard bridge name plate on right hand turnout past end of bridge 3959 A and beginning of bridge 3959 B.



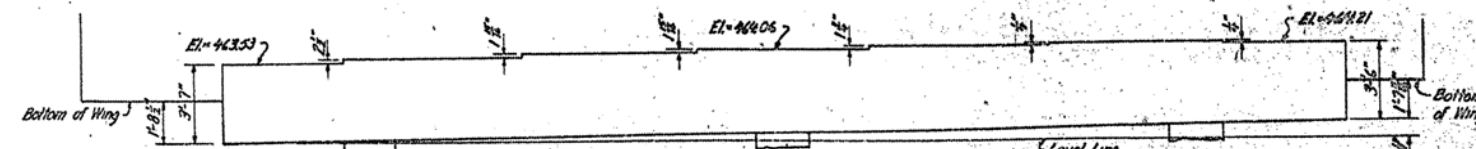
ELEVATION
BENT NO. 1 BRIDGE 3959 A

Note: View looking back in stationing.



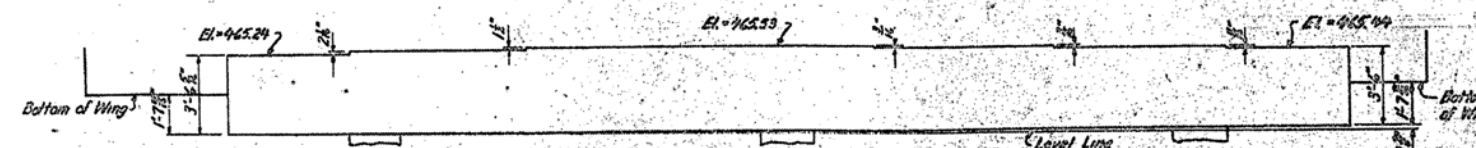
CAP DIMENSIONS
BENT NO. 6 BRIDGE 3959 A

Note: View looking forward in stationing.



CAP DIMENSIONS
BENT NO. 1 BRIDGE 3959 B

Note: View looking back in stationing.



CAP DIMENSIONS
BENT NO. 6 BRIDGE 3959 B

Note: View looking forward in stationing.

For details see Detail B
Dwg. No. 14990 B Rev.



DETAIL A
Scale: 3/4" = 1'

Note: See Dwg. 14990 B Rev. for alternate anchor details.

Bridge 3959 A	Bridge 3959 B	
	Bent 1	Bent 6
V	1-4 1/2"	1-4 1/2"
a	3-8 1/2"	3-8 1/2"
b	3-8 1/2"	3-8 1/2"
c	3-8 1/2"	3-8 1/2"
d	3-8 1/2"	3-8 1/2"
e	2-9 1/2"	2-9 1/2"
f	2-9 1/2"	2-9 1/2"
g	2-11"	2-11"
h	9-0 1/2"	8-1 1/2"
k	3-0 1/2"	3-0 1/2"
l	3-1 1/2"	3-1 1/2"

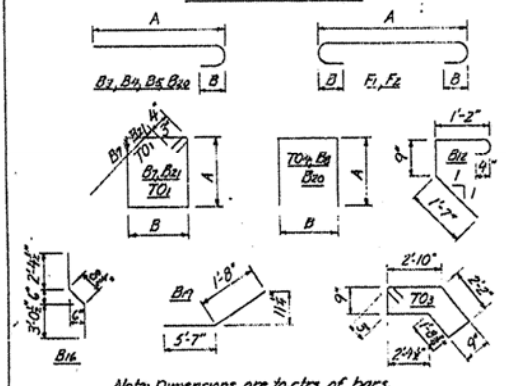
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
6	ARK.			
JOB NO.	BB0407	126	464	
A&B3959 - END BENTS - 48432				

BAR LIST EACH BENT

Mark	Pin Dia.	A	B	Bar Size	No. Required	Length
B1	Str.	-	-	8	4	39'-4"
B2	Str.	-	-	7	6	26'-6"
B3	9"	36'-5"	10"	9	3	37'-8"
B4	9"	17'-8"	10"	9	3	18'-11"
B5	10"	15'-1"	11"	10	8	16'-6"
B6	Str.	-	-	8	2	15'-0"
B7	1 1/2"	3'-1 1/2"	1'-11 1/2"	4	64	10'-9"
B8	1 1/2"	3'-1 1/2"	1'-11 1/2"	4	5	8'-2"
B9	Str.	-	-	4	4	26'-8"
B10	Str.	-	-	4	18	25'-10"
B11	Str.	-	-	4	96	5'-3"
B12	1 1/2"	-	-	4	48	4'-11"
B13	Str.	-	-	4	2	5'-9"
B14	Str.	-	-	4	1	6'-5"
B15	Str.	-	-	4	11	8'-5"
B16	1 1/2"	-	-	4	12	6'-1"
B17	Str.	-	-	4	14	6'-0"
B18	Str.	-	-	4	3	5'-4"
B19	1 1/2"	-	-	4	11	7'-3"
B20	1 1/2"	1'-6"	2'-4"	4	2	5'-3"
B21	See Variable Bars					
F1	3 3/8"	7'-0"	5"	5	27	8'-3"
F2	3 3/8"	4'-6"	5"	5	42	5'-9"
F3	See Variable Bars					
T01	1 1/2"	2'-9"	9"	3	4	7'-5"
T02	Str.	-	-	5	19	5'-0"
T03	1 1/2"	-	-	3	4	11'-0"
T04	1 1/2"	3'-4 1/2"	8"	5	1	7'-4"
B24	Str.	-	-	8	2	20'-3"

VARIABLE BARS	Bridge 3959 A		Bridge 3959 B	
	Bent No. 1	Bent No. 6	Bent No. 1	Bent No. 6
B24	1 1/2"	Varies 1'-6 1/2" to 2'-4 1/2" by 2 1/2"	1 1/2"	Varies 7'-6" to 9'-2" by 5"
F24	8"	6'-10 1/2"	9"	18
F24	1 1/2"	Varies 1'-6 1/2" to 2'-2" by 2 1/2"	1'-11"	12

BENDING DIAGRAM



Note: Dimensions are to ctrs. of bars.

GENERAL NOTES

All concrete to be class 'S'.

Reinforcing steel to be deformed bars of intermediate or hard grade. Shop lists and bending diagrams shall be submitted and approval secured before fabrication is begun.

For additional general notes see Dwg. No. 15345

For details of superstructure see Dwg. Nos. 14990 B Rev., 15349 and 15350.

DETAILS OF END BENTS
U.S. HIGHWAY 64 INTERCHANGE
ARK. RIVER BRIDGE - JCT. I-40
CRAWFORD COUNTY
INT. ROUTE 540 SEC. 1

ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

DESIGNED BY: TLL DATE: 8-2-68
CHECKED BY: TLL DATE: 8-2-68
DRAWING NO. A&B3959 DRAWING NO. 48432

FOR INFORMATION ONLY

Revised Reinforcing Steel: 1-81-66, TLL, checked: 8-5-66, TLL.

* Revision: Turnout Posts & No. of T02 bars T01E 4-7-67

Signature: [Signature]

10" Persimmon 35.50
3" Persimmon 22.38
37.32' 28" R. Oak
E Median I-540
1.22 mi. to Jct. U.S. 162 (Van Burch)
Tangent Distance Over 500'

1400 1500 1600 1700
Note: For Right of Way Data see Roadway Plans

Sta. 691+00.6 I-540 =
Sta. 15+00 U.S. 64
SE Median U.S. 64-71
470
468
30' S. Gully
111.90'
SE Median I-540
466
464
462
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Begin Bridge Sta. 15+96.92
End Bridge Sta. 16+96.41
SE Main Lanes & Profile Grade
Type B Culverts (Typ)
Type B Approach Slab & Gutters - See Roadway Plans
1.529 mi. to Alma
Tangent Distance = 102'
Note: For details of concrete
types see div. no. 1891A Rev.
Note: Provide roadway drains at both
sides of roadway approximately
12' from bridge ends and approximately
12' from ends of 71' span on 71' span
only.
Note: Bent heights and grades are
given at E Main Lanes.

PLAN
1.983%
Sta. 15+00
V.P.E. Elev. = 471.71
-1.833%

Note: For beam buildups and plate
thickening see Div. No. 13348

Unit Stresses

Unit Stresses:	Class A Concrete (n-15)	840 psi
	Class S Concrete (n-10)	1,200 psi
	Reinforcing Steel	20,000 psi
	Structural Steel (A36)	20,000 psi

DRAWN BY: T.H.L. DATE: 11-18-64
 TRACED BY: _____ DATE: _____ SCALE: 1" = 20'
 CHECKED BY: HP DATE: 9-13-65
 BRIDGE NO. A3959 DRAWING NO. 4843

