

Scale: $1\frac{1}{2}'' = 1'.0''$

GENERAL NOTES

All concrete to be class 4000 exposed corners to be chamfered 1/4" unless otherwise noted.

Field connections for diaphragms to be riveted or bolted with high strength bolts.

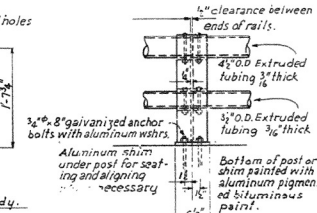
Rivets: 3/4" Open holes 3/4" except where noted otherwise.

Structural shapes to be welded to steel framing with 1/4" fillet welds.

Substitution for shapes shown, but payment will be made on basis of shapes shown or those actually used, whichever is less.

Welding shall conform to the American Welding Society Standard Specifications for Welded Highway and Bridge Structures, Part 2, 1947.

Shop Paint: All structural steel except surfaces in contact with concrete shall be primed on one side of red lead zinc silicate before shipment.



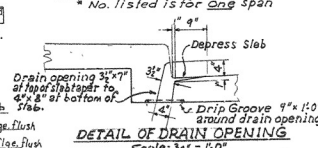
Scale: 1" = 1'-0"



Sec B-B only

Roadway Expansion Device
[12 @ 20.7 x 32'-1 1/2"
Conn. L 2 1/2" x 3 1/2" x 5/8" x 0'-8 1/2" Sidew

Curb Expansion Device:
Plate $8' \times 3' \times \frac{3}{8}$ Sec. B-B only
L $3' \times 2\frac{1}{2}' \times \frac{3}{8}$ & $2' \times 7'$
Anchors Bar $1" \times \frac{5}{16}" \times 1'-0"$ weld to L
@ 15" ctrs.



Scale: $3/4" = 1'-0"$
Construct drain 3' from ϕ of pier
at low water on both 26'-11 3/4" spans

SECTION B-B
SECTION B'-B' Same Opp. Hand'g as noted

BAR LIST					DIAGRAM
Mk	Size	No.	Length		
S1	1/4"	32	32-1"	Bent	<p>See Drwg. No. 9048</p>
S2	1/4"	32	30-0"	Bent	
S3	1/4"	91	31-0 1/2"	Bent	
S6	1/4"	32	14-0 1/2"	Bent	
S7	1/4"	32	6-11"	Bent	
S9	1/4"	32	5-4"	Bent	
S9	1/4"	56	26-6"	Str.	
RP	1/4"	4	3-2"	Str.	

P2	#3	3	4-9	dent	71-1-1
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LOADING H2O-SIG (AASHTO 1953)

	INTERIOR STRINGER	EAST CURB STRINGER	WEST CURB STRINGER	SIDEWALK STRINGER
DEAD LOAD [#] L/H	620	668	652	668
LIVE LOAD	0.955 wheel + I or 0.48 lanes + I to each stringer			250' + (0.17 wheel + I

UNIT STRESSES: Class S Concrete ($n=10$),
Reinforcing Steel
Structural Steel

DETAILS 26'11³/₈ I-BEAM SPAN
MISSOURI PACIFIC R.R. OVERPASS
LITTLE ROCK RIVER FRONT DRIVE
EXTENSION TO THE WEST

ARKANSAS STATE HIGHWAY COMMISSION

DRAWN BY: E.A.W. DATE: 1-13-56
 TRACED BY: _____ DATE: _____
 CHECKED BY: 2/16/56 DATE: 2-6-56
 SCALE: Scale: 1/2" = 1'-0"
as noted
 BRIDGE NO. 2984 DRAWING NO. 3047