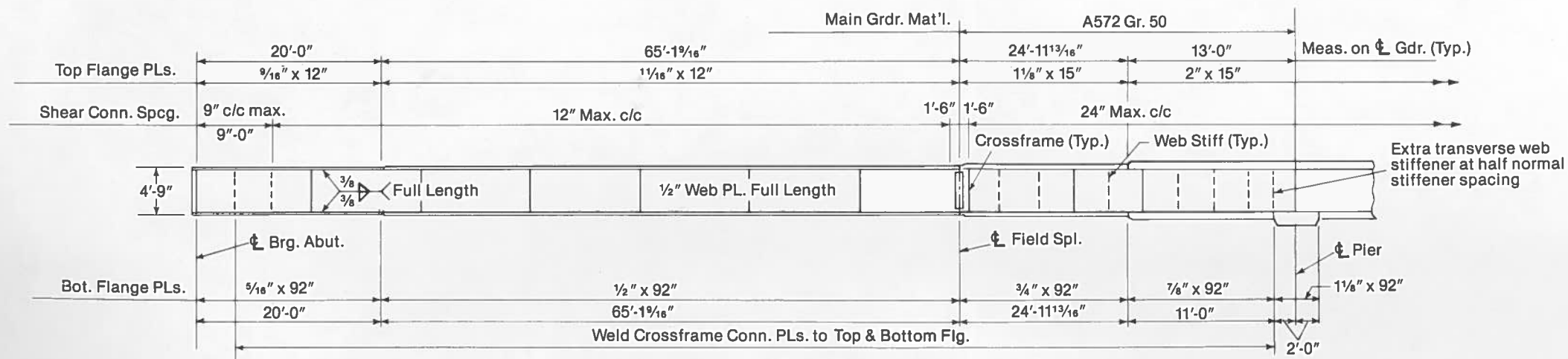
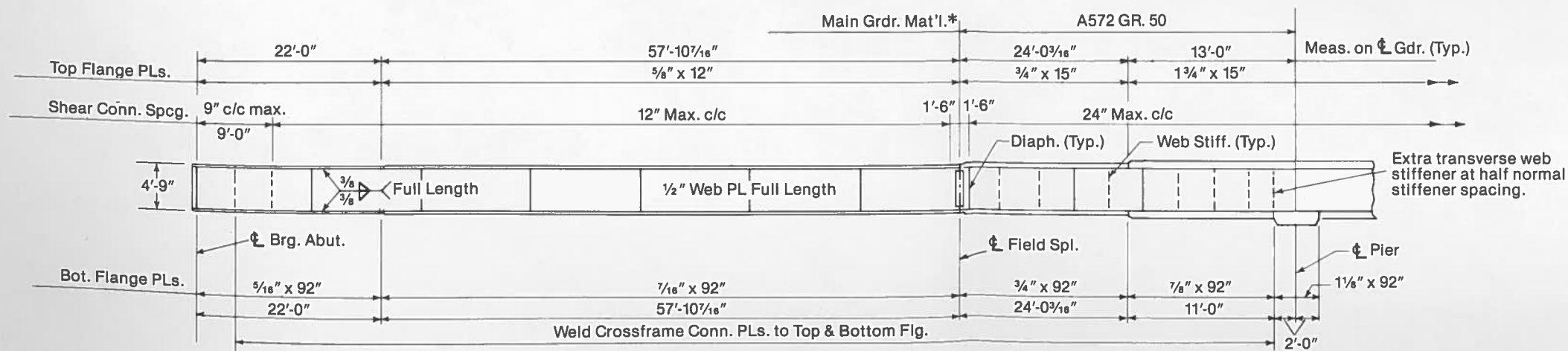


FRAMING PLAN
Dimensions are horizontal dimensions at tops of web

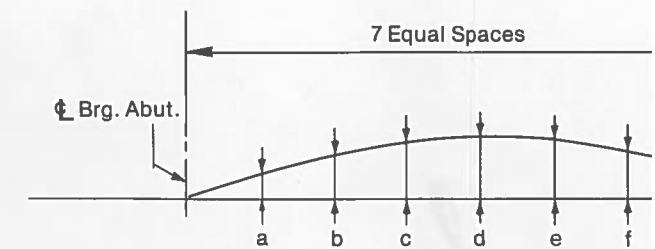
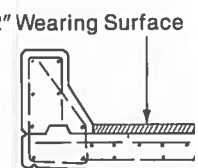
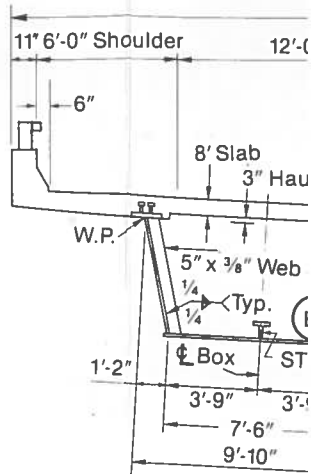
*Flanges, webs and longitudinal tee stiffeners



ELEVATION—BOX GIRDER B1

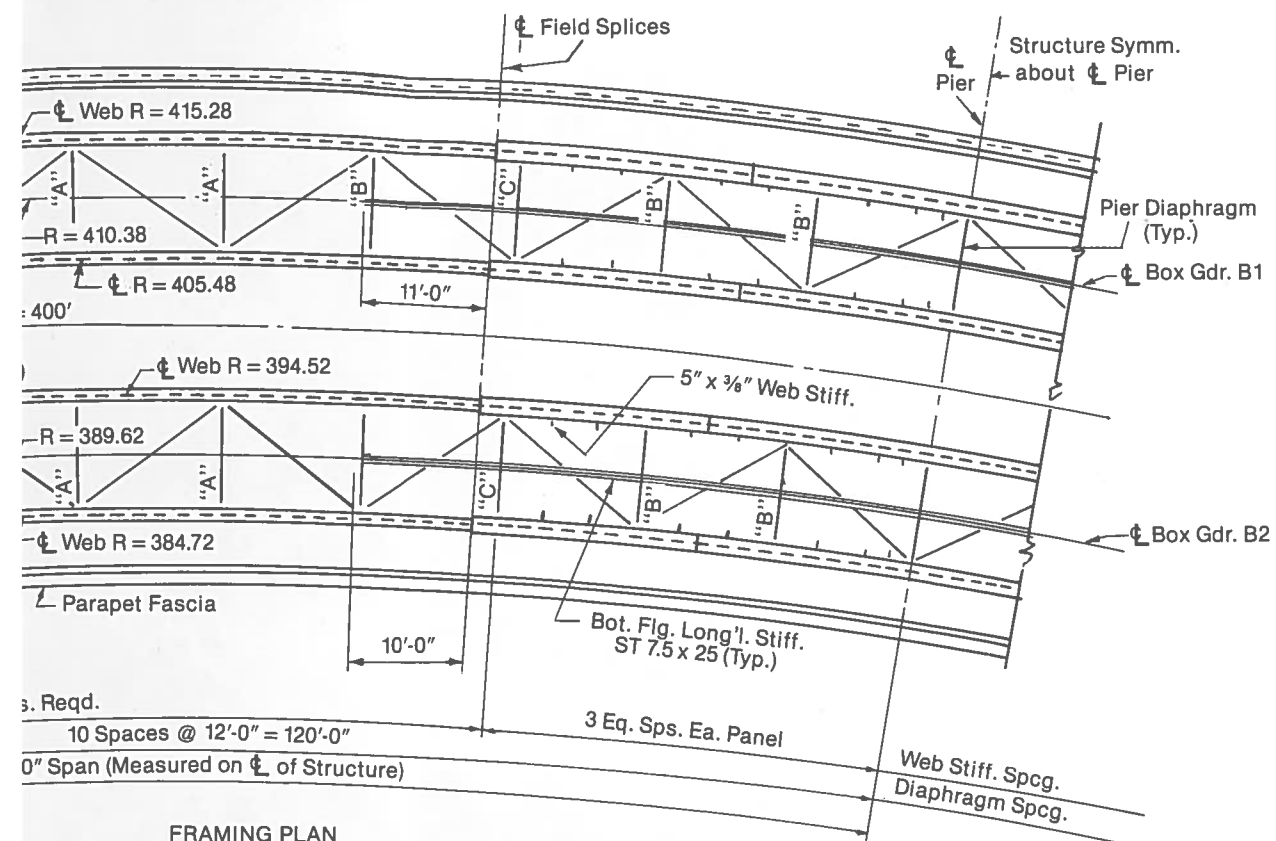


ELEVATION—BOX GIRDER BOX B2

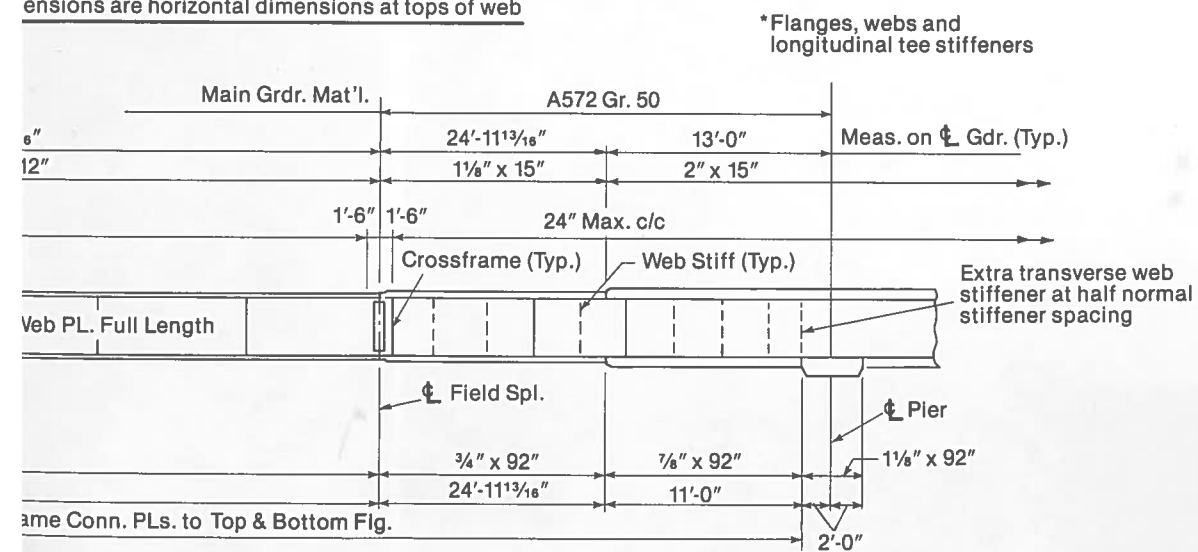


CAMBER DIAGRAM
No Scale

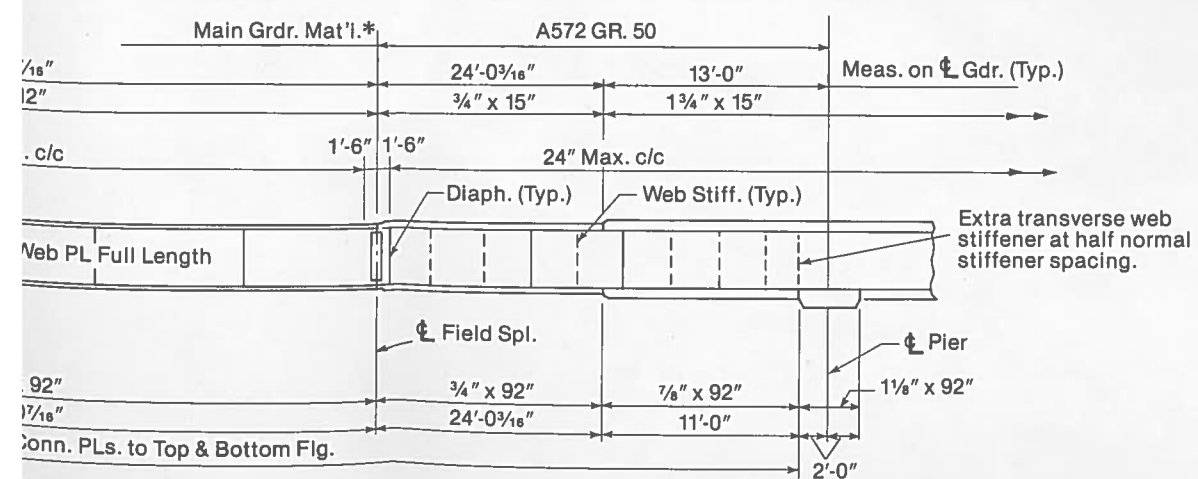
GDR.	CAMBER	CAMBER TABLE		
		a	b	c
B1	Dead Load of Steelwork	3/16	5/16	3/8
	Dead Load of Concrete	1	1 13/16	2 7/16
	Total Dead Load	1 3/16	2 1/2	2 13/16
B2	Dead Load of Steelwork	1/8	1/4	5/16
	Dead Load of Concrete	7/8	1 1/2	1 13/16
	Total Dead Load	1	1 3/4	2 1/4



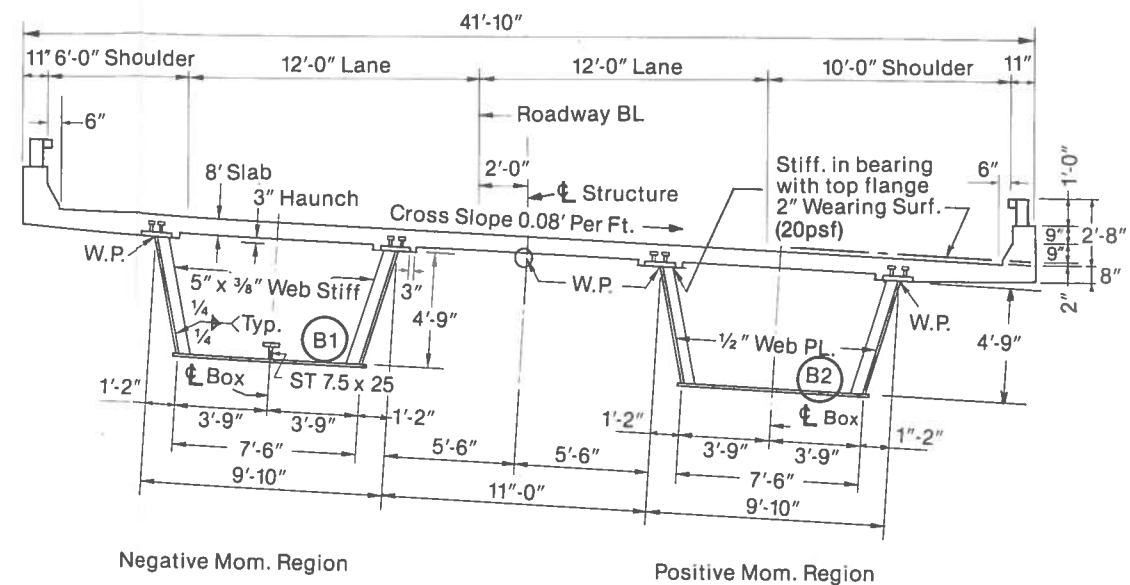
FRAMING PLAN
Dimensions are horizontal dimensions at tops of web



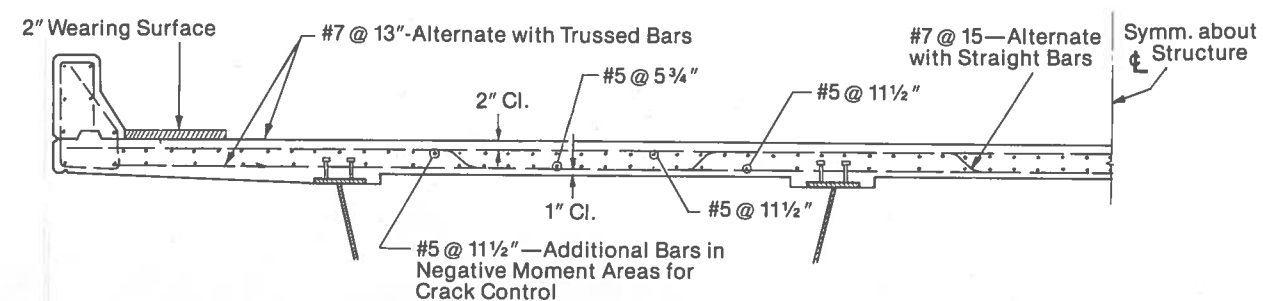
BOX GIRDER B1



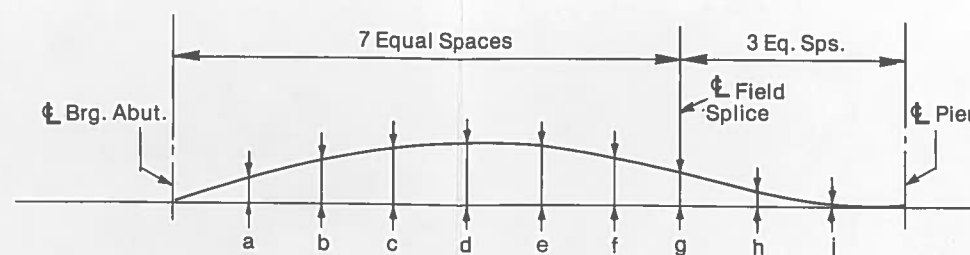
BOX GIRDER B2



TYPICAL CROSS SECTION



DECK REINFORCEMENT DETAILS



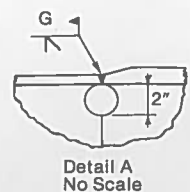
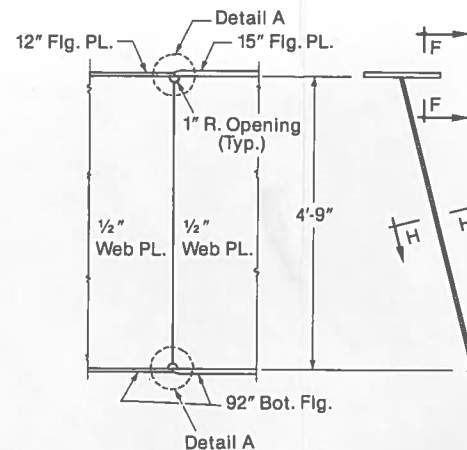
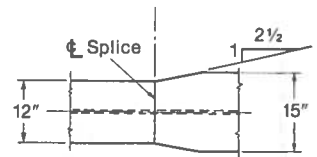
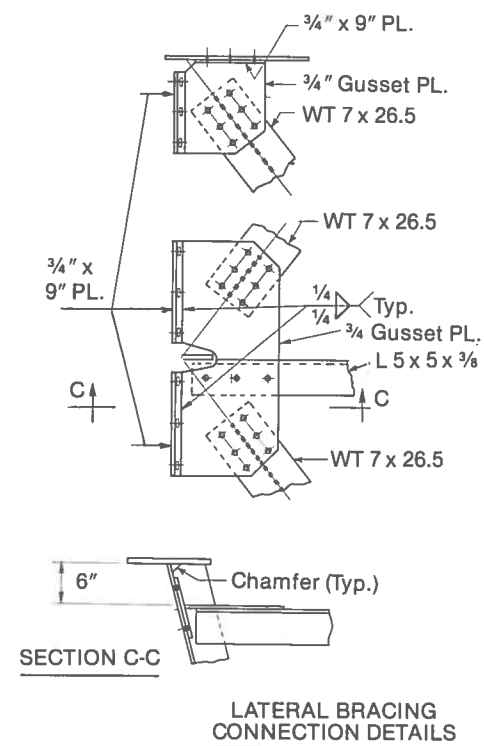
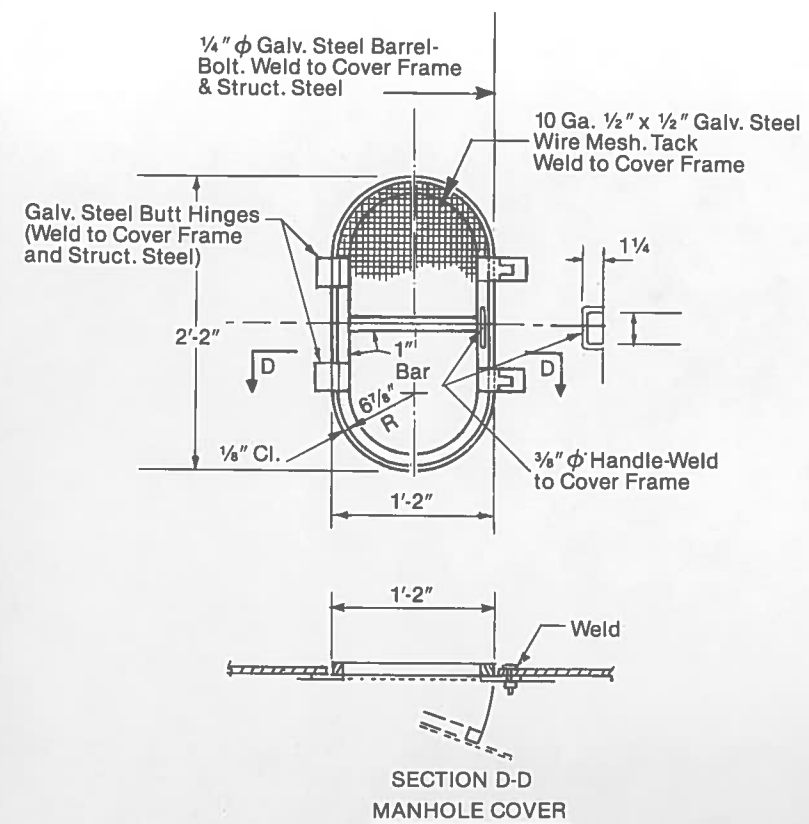
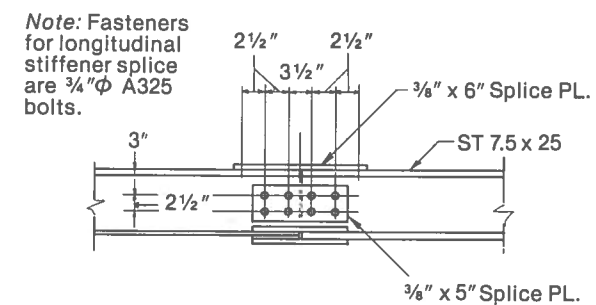
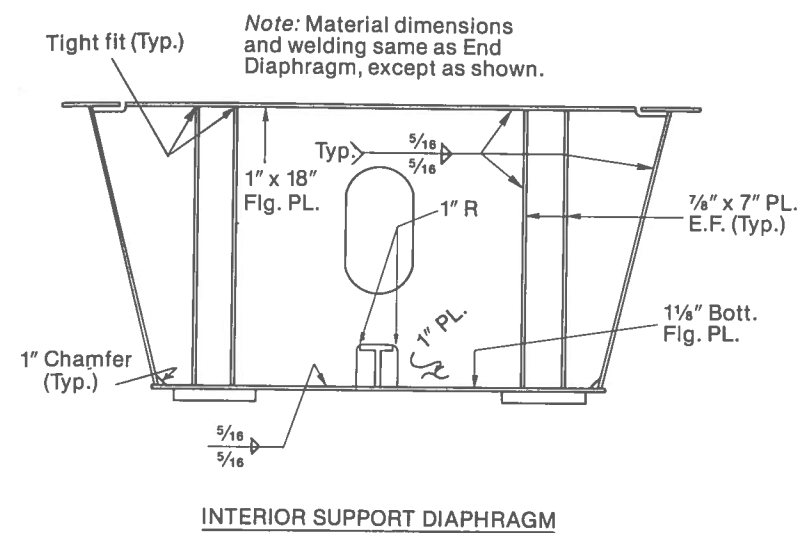
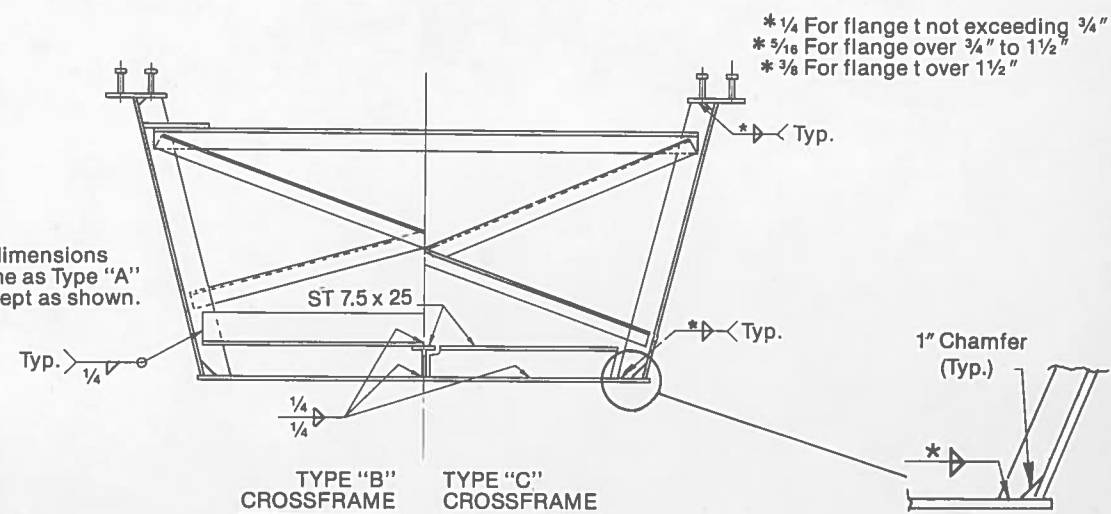
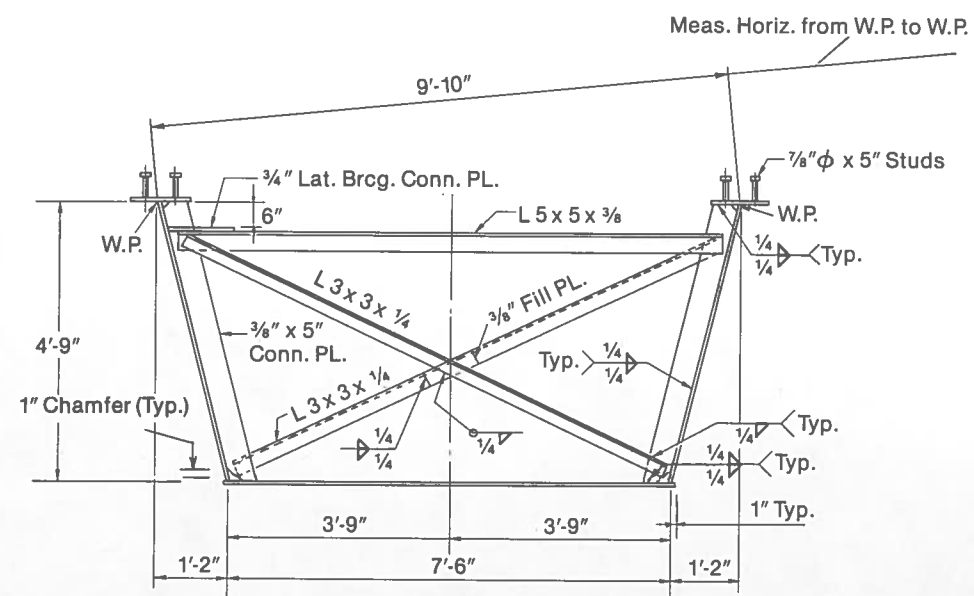
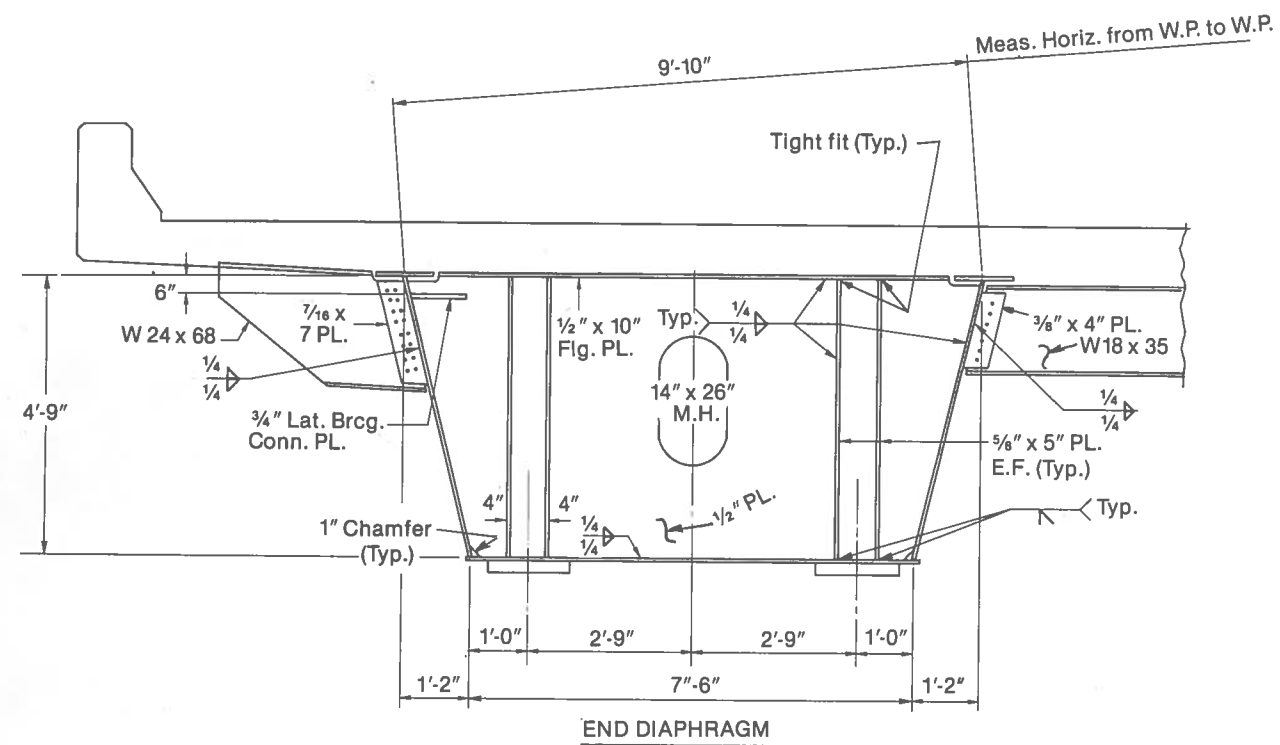
CAMBER DIAGRAM
No Scale

Note:
All structural steel ASTM A36, except as noted.
All fasteners 3/8" ϕ ASTM A325 bolts unless noted.
Fabricated Structural Steel Weights⁽¹⁾:
Weight of Curved Box Girder Bridge = 278,300 lb.⁽¹⁾:
Weights per sq ft of deck area (O. to O. slab) 27.7 lb per sq ft

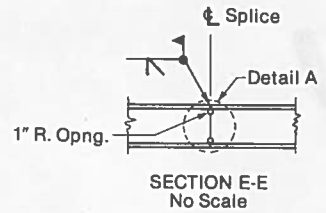
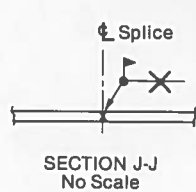
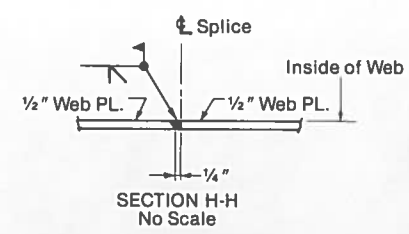
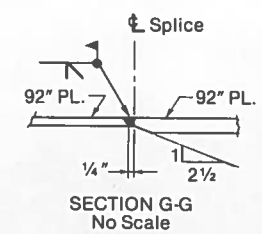
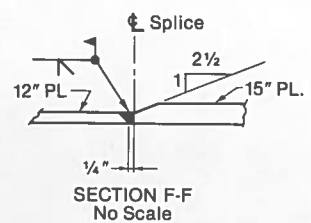
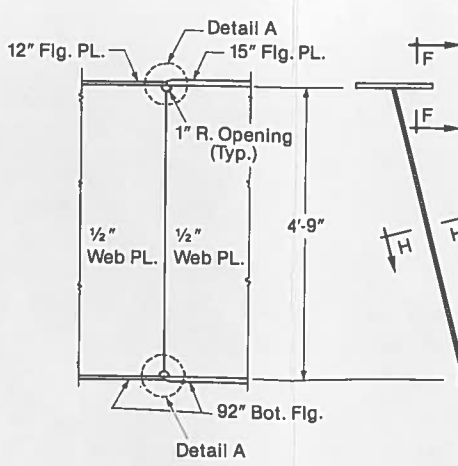
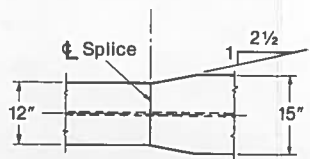
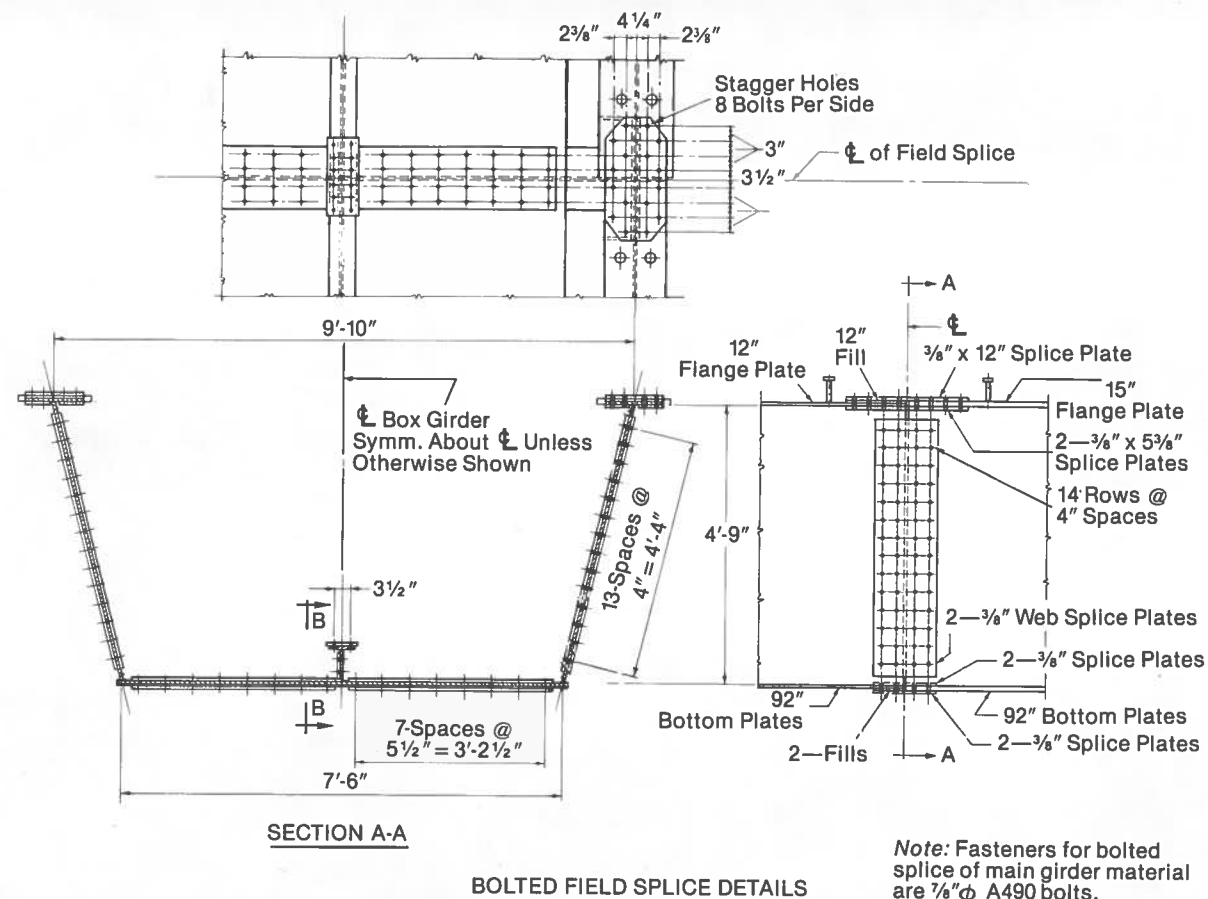
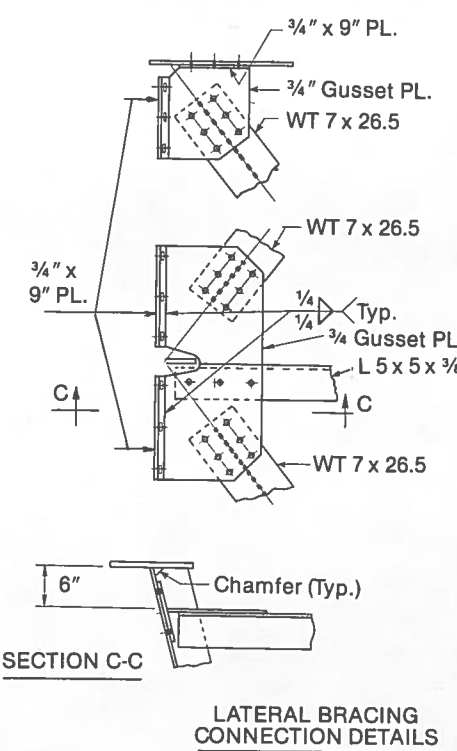
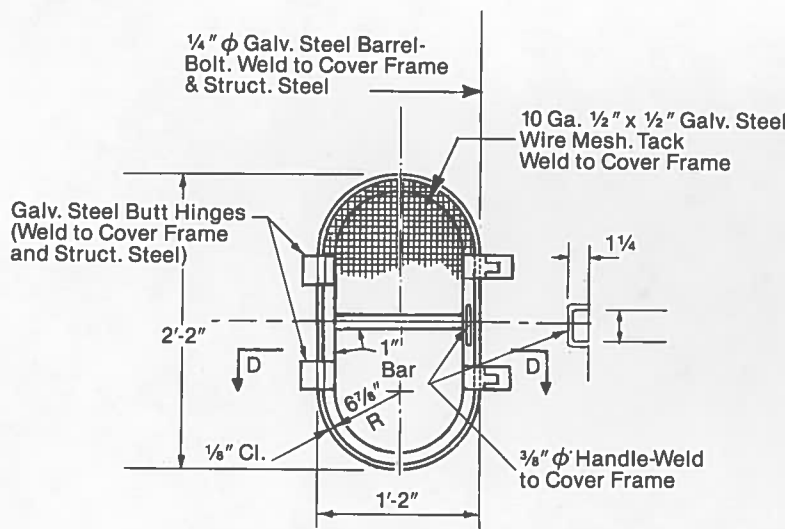
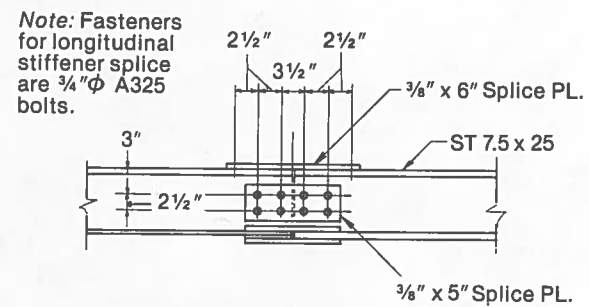
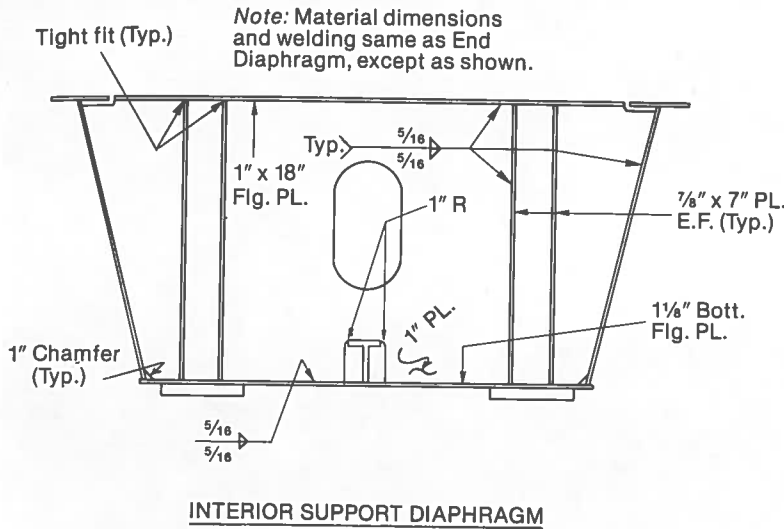
⁽¹⁾Weight does not include bearing shoes, railings or studs.

GDR.	CAMBER TABLE									
	CAMBER	ORDINATES								
		a	b	c	d	e	f	g	h	j
B1	Dead Load of Steelwork	3/16	5/16	3/8	7/16	3/8	5/16	1/4	1/8	1/16
	Dead Load of Concrete	1	1 1/16	2 1/16	2 3/16	2 1/16	2	1 5/16	1 1/16	3/16
	Total Dead Load	1 3/16	2 1/16	2 13/16	3	2 13/16	2 5/16	1 9/16	1 3/16	1/4
B2	Dead Load of Steelwork	1/8	1/4	5/16	3/8	5/16	1/4	3/16	1/16	0
	Dead Load of Concrete	7/8	1 1/2	1 15/16	2 1/16	2	1 5/8	1 1/8	5/8	3/16
	Total Dead Load	1	1 3/4	2 1/4	2 1/16	2 5/16	1 7/8	1 5/16	1 1/16	3/16

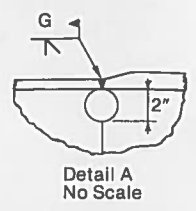
DESIGN EXAMPLE Curved Box Girder Two-Span Bridge Framing Plan



Horiz. from W.P. to W.P.



ALTERNATE FIELD SPLICE DETAILS WELDED DESIGN



Note: All steel A36 unless noted. Fasteners are 7/8" ϕ A325 bolts, unless noted.

DESIGN EXAMPLE Curved Box Girder Two-Span Bridge Framing Plan