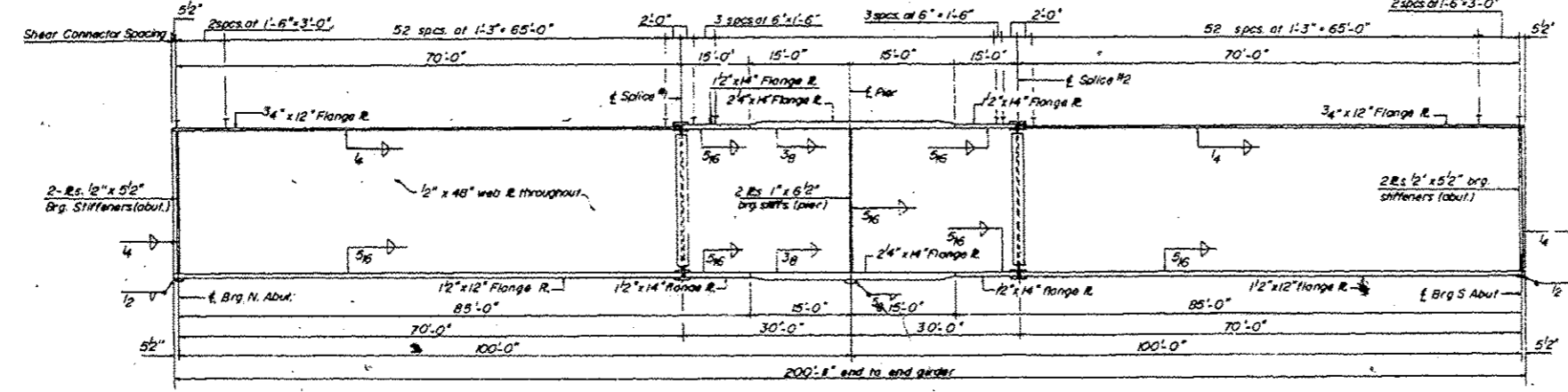
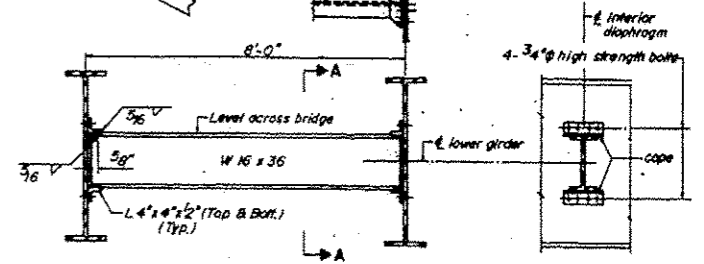


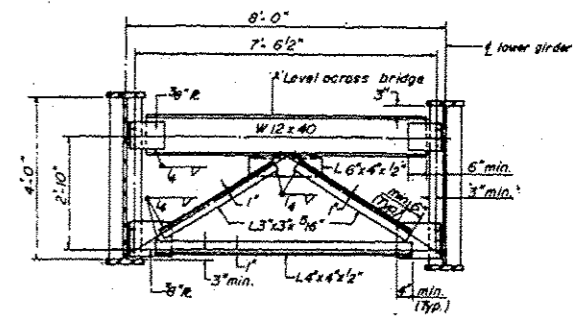
**FRAMING PLAN**



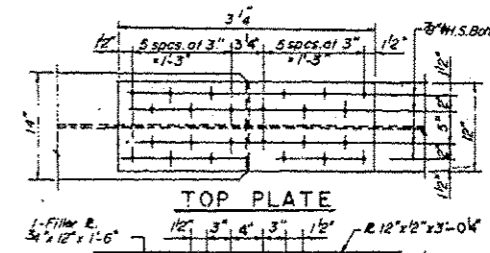
**GIRDER ELEVATION**



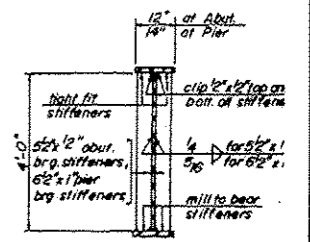
**TYPICAL INTERIOR DIAPHRAGM D**



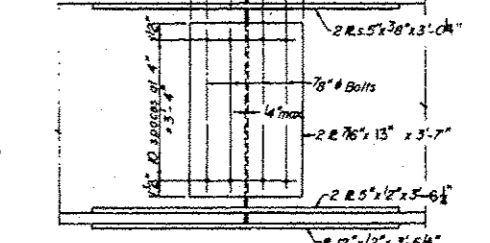
**TYPICAL END CROSS FRAME CF-1**



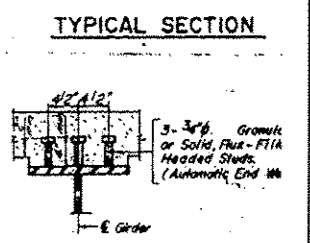
**TOP PLATE**



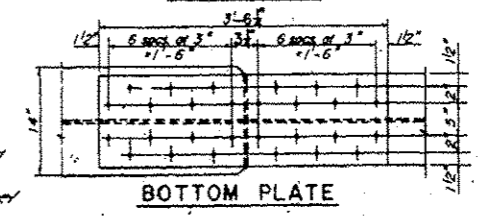
**TYPICAL SECTION**



**ELEVATIONS**



**SECTION B-B**



**BOTTOM PLATE**

(Composite in positive moment areas only)

INTERIOR GIRDER MOMENT TABLE		
	QA Span 1	Pier
I <sub>c</sub> (in <sup>4</sup> )	19982	44,404
I <sub>c</sub> (in <sup>4</sup> )	24808	—
S <sub>c</sub> (in <sup>3</sup> )	948	1691
S <sub>c</sub> (in <sup>3</sup> )	1304	—
I <sub>c</sub> (in <sup>4</sup> )	0.983	1.087
W <sub>c</sub> (in <sup>2</sup> )	567.9	1460.3
W <sub>c</sub> (in <sup>2</sup> )	7.18	10.36
S <sub>c</sub> (in <sup>3</sup> )	0.485	0.485
W <sub>c</sub> (in <sup>2</sup> )	365.4	266.5
W <sub>c</sub> (in <sup>2</sup> )	834.9	713.8
Totals (in <sup>4</sup> )	19903	12803
I <sub>c</sub> (in <sup>4</sup> )	10.98	9.09
I <sub>c</sub> (in <sup>4</sup> )	18.16	19.43
VR (in <sup>2</sup> )	80.1	—

INTERIOR GIRDER REACTION TABLE		
	Abutment	Pier
R <sub>c</sub> (k)	51.8	186.2
R <sub>c</sub> (k)	48.8	73.5
R Total (k)	58.6	259.7

* TOP OF WEB ELEVATIONS					
Location	Brig. N. Abut.	Splice 1	Brig. Pier	Splice 2	Brig. S. Abut.
Girder 1	612.064	612.069	612.819	612.819	612.064
Girder 2	612.200	612.958	612.958	612.958	612.200
Girder 3	612.200	612.958	612.958	612.958	612.200
Girder 4	612.064	612.819	612.819	612.819	612.064

DESIGNED	H.R.S.
CHECKED	P.B.
DATE	A.M.
CHECKED	P.B.

I<sub>c</sub> and S<sub>c</sub> are the moment of inertia and section modulus of the steel section.  
I<sub>c</sub> and S<sub>c</sub> are the moment of inertia and section modulus of the composite section used in computing I<sub>c</sub>.  
VR is the maximum  $\frac{1}{4}$  impact shear range in span

The main load carrying member components subject to the Supplemental Requirements for Notch Toughness are the flanges, webs, and splice plates of the steel girders or wide flange beams.

Note: Hardened washers shall be req. over 1/8" holes.

FOR INFORMATION ONLY