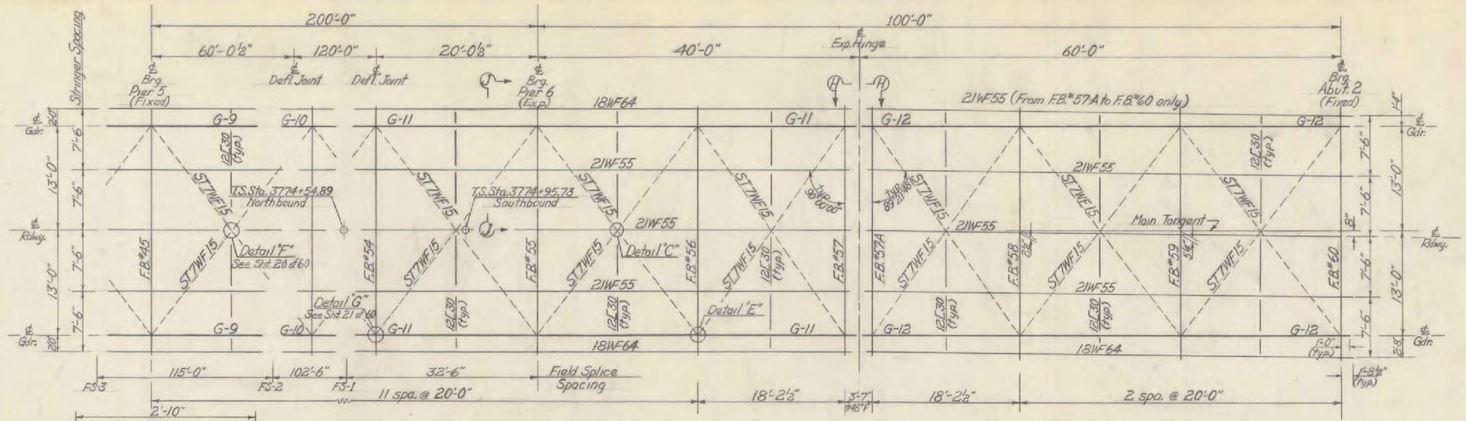
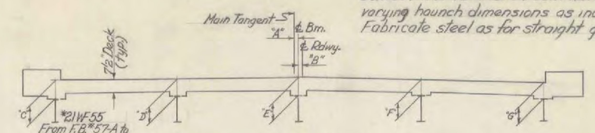


FRAMING PLAN
Scale 1/8" = 1'-0"

NOTE:
Transition from parabolic crown to straight slope 12'-0" either side of ℄ to be made between F.B.#48 & F.B.#54 both NB. & SB. by varying haunch dimensions as indicated. Fabricate steel as for straight grade.

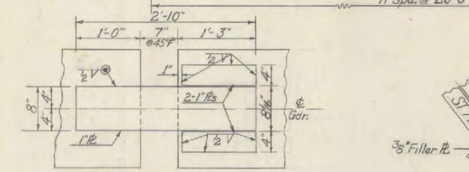


* Indicates a change in Stringer size.

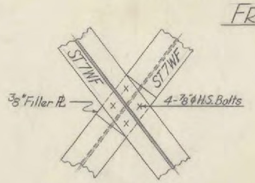
	Section at Floor Beam No.	A	B	C	D	E	F	G
NORTHBOUND	48 (Normal Radial Parabolic Crown)			8½	9 9/16	10⅝	9 9/16	8½
	53			8½	8¾		8¾	8½
	54 (Str. Slope Section)		0	8½	8¾		8¾	8½
	55		¼	8 15/16	8¾		8¾	8½
	56		1⅛	10¼	9 7/16		8¾	8 9/16
	57		2⅜	11½	9 15/16		8 15/16	8⅜
	57-A	0	3⅛	* 8⅜	10 1/16		8 15/16	8½
	58	2½	3⅜	* 10⅜	10⅜		8 15/16	8½
	59	5¼	6⅛	* 11¼	11¼	10⅝	8⅜	8½
	60	8	10¾	* 12⅜	11 15/16	10¾	9	8 11/16
SOUTHBOUND	48 (Normal Radial Parabolic Crown)			8½	9 9/16	10⅝	9 9/16	8½
	54 (Str. Slope Section)			8½	8¾		8¾	
	55		0	8 15/16	8¾			
	56		¼	9 9/16	9⅜			
	57		1	10⅝	9⅝			8½
	57-A	0	1¼	* 7⅞	9¾			8⅜
	58	2½	⅜	* 8⅜	10⅛			8⅜
	59	5¼	1	* 9¾	10⅜		8¾	8⅜
	60	8	3⅜	* 11	11	10⅝	8 15/16	8½

All dimensions in inches

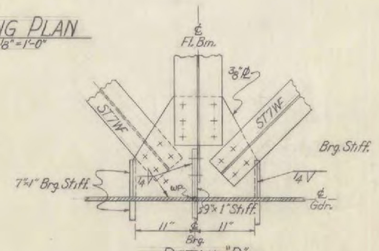
DECK SECTIONS AT FLOOR BEAMS ON SPIRAL
Dimensions C, D, E, F, & G to be verified after beam profiles have been taken.



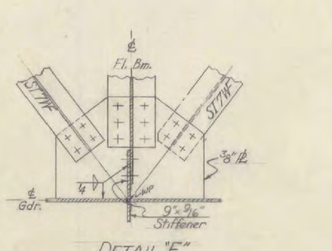
SHEAR DEVICE
Scale 1"=1'-0"



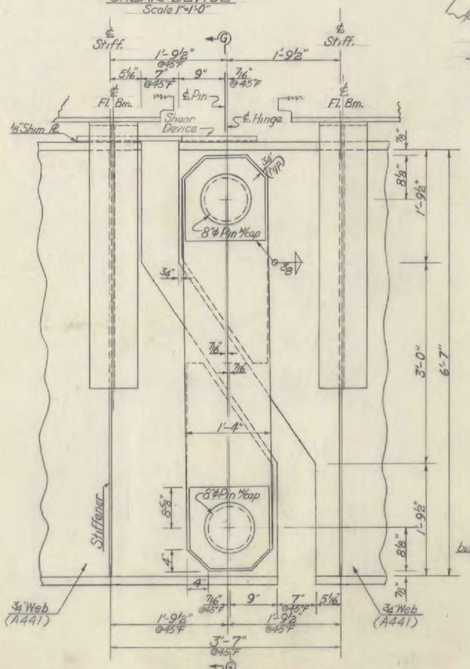
DETAIL "C"
Scale 1"=1'-0"



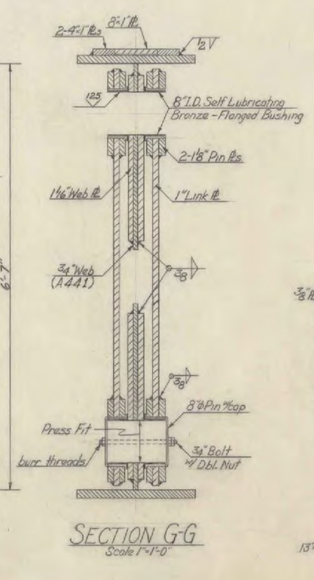
DETAIL "D"
Scale 1"=1'-0"
This detail typical for connection at Pier #1. Discontinue inside 7"×1" brg. stiff. of ⅜" gusset ℞. Notch gusset around 9"×1" stiff.



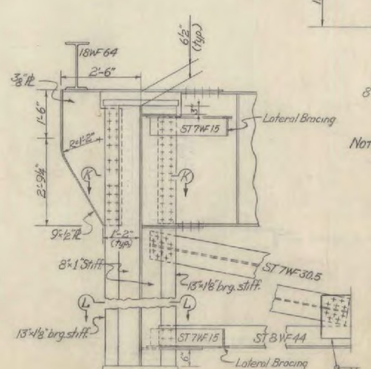
DETAIL "E"
Scale 1"=1'-0"
This detail typical for intermediate conn. of F.B.#7-70 & F.B.#56-60. Interrupt Stiff. to accept ⅜" ℞.



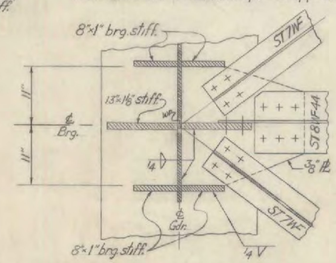
SECTION H-H
Scale 1"=1'-0"
EXPANSION HINGE



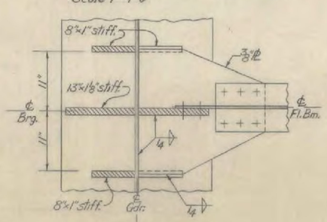
SECTION G-G
Scale 1"=1'-0"



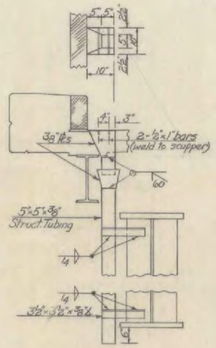
SECTION J-J
Floor Beam and Cross Frame connection at Piers 3 thru 5. (Piers 2 & 6 similar).
Scale ½"=1'-0"



SECTION L-L
NOTE: Discontinue inside brg. stiffeners at ⅜" gusset ℞. Notch gusset around 13"×1⅛" stiff.
Scale 1"=1'-0"



SECTION K-K
Scale 1"=1'-0"



SCUPPER DETAILS
Scale ½"=1'-0"

NOTES

1. All structural steel not otherwise detailed shall conform to A.S.T.M. Specification A-36-62T.
2. Structural Steel detailed as A-441 shall conform to A.S.T.M. Specification A-441-60T, High-Str. low alloy Structural Manganese Vanadium Steel.
3. Expansion Hinge shall have self-lubricating type bronze bushings meeting requirements as set forth in A.S.T.M.-B22 (AASHO. M107, Alloy "E") Pin material for Fixed & Expansion Hinges shall be A.S.T.M. A235-63T, Class "E".

WINDSOR - HARTFORD
IM BPNT (13)
PROJECT BRIDGE 44
SHEET 30 OF 36
FOR INFORMATION ONLY

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

HARTFORD
ROUTE NO. I-91 STA.
FRAMING PLAN & DETAILS
I-91 OVER WHITE RIVER
SCALE as noted
SURVEYED BY
DRAWN BY R.N.D. CHECKED BY B.L.M. 11-14-63
PROJECT NO. I-91-2(3)
SHEET 18 OF 60