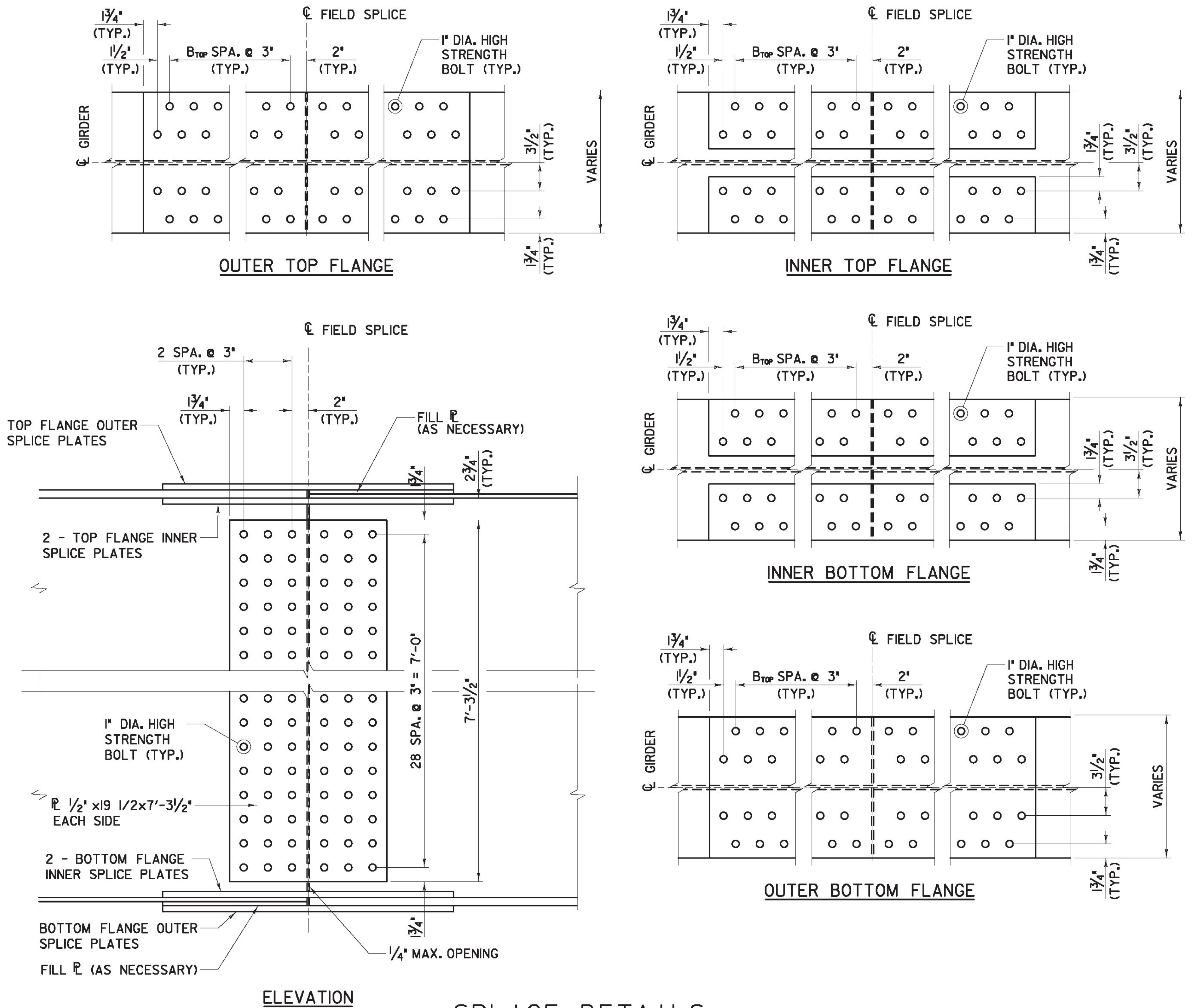


FILED SPLICE GEOMETRY - GIRDERS 2 - 4 & 6 - 8			
	F.S. #1	F.S. #2	F.S. #4
TOP FLANGE OUTER SPLICE PLATE	1X 15 1/2 X 4'-4 1/2"	1X 15 1/2 X 3'-4 1/2"	1/2 X 15 1/2 X 3'-4 1/2"
TOP FLANGE INNER SPLICE PLATE	1/2 X 6 X 4'-4 1/2"	1/4 X 6 X 3'-4 1/2"	3/4 X 6 X 3'-4 1/2"
TOP FLANGE FILL PLATE	N/A	N/A	3/4 X 15 1/2 X 1'-8 1/4"
BOTTOM FLANGE OUTER SPLICE PLATE	1/2 X 18 X 6'-4 1/2"	1X 18 X 3'-10 1/2"	1/2 X 15 1/2 X 2'-10 1/2"
BOTTOM FLANGE INNER SPLICE PLATE	1/2 X 7 1/4 X 6'-4 1/2"	1/4 X 7 1/4 X 3'-10 1/2"	3/4 X 6 X 2'-10 1/2"
BOTTOM FLANGE FILL PLATE	N/A	N/A	1/2 X 15 1/2 X 1'-5 1/4"
TOP FLANGE SPLICE PLATES STEEL GRADE	50W	50W	70W
BOTTOM FLANGE SPLICE PLATES STEEL GRADE	70W	70W	70W
B <sub>TOP</sub>	7 SPA.	5 SPA.	5 SPA.
B <sub>BOT</sub>	11 SPA.	6 SPA.	4 SPA.

FILED SPLICE GEOMETRY - GIRDERS 1 & 5			
	F.S. #1	F.S. #2	F.S. #4
TOP FLANGE OUTER SPLICE PLATE	1X 17 1/2 X 4'-10 1/2"	1X 17 1/2 X 3'-4 1/2"	1/2 X 15 1/2 X 3'-10 1/2"
TOP FLANGE INNER SPLICE PLATE	1/2 X 7 X 4'-10 1/2"	1/4 X 7 X 3'-4 1/2"	3/4 X 6 X 3'-10 1/2"
TOP FLANGE FILL PLATE	N/A	N/A	3/4 X 15 1/2 X 1'-11 1/4"
BOTTOM FLANGE OUTER SPLICE PLATE	1/4 X 22 X 7'-4 1/2"	1X 22 X 4'-4 1/2"	1/2 X 15 1/2 X 2'-10 1/2"
BOTTOM FLANGE INNER SPLICE PLATE	1/2 X 9 1/4 X 7'-4 1/2"	1/4 X 9 1/4 X 4'-4 1/2"	3/4 X 6 X 2'-10 1/2"
BOTTOM FLANGE FILL PLATE	N/A	N/A	1/2 X 15 1/2 X 1'-5 1/4"
TOP FLANGE SPLICE PLATES STEEL GRADE	50W	50W	70W
BOTTOM FLANGE SPLICE PLATES STEEL GRADE	70W	70W	70W
B <sub>TOP</sub>	8 SPA.	5 SPA.	6 SPA.
B <sub>BOT</sub>	13 SPA.	7 SPA.	5 SPA.

**NOTES:**

- ALL STEEL FOR FIELD SPLICE WEB PLATES SHALL BE AASHTO M270, GRADE 50W.
- FIELD CONNECTIONS SHALL BE MADE WITH AASHTO M164 (ASTM A325), TYPE 3 1" DIA. HIGH STRENGTH BOLTS.
- ALL HOLES 1/16" DIA., UNLESS NOTED OTHERWISE.
- ALL FIELD SPLICE PLATES SHALL BE CHARPY V-NOTCH TESTED IN ACCORDANCE WITH SUBSECTION 714.01 OF THE STANDARD SPECIFICATIONS.
- NUTS SHALL BE INSIDE FACE OF WEB SPLICE FOR FASCIA GIRDERS.
- NUTS SHALL BE UP ON ALL FLANGE SPLICES.
- BOLT THREADS SHALL NOT BE PERMITTED WITHIN THE SHEAR PLANES OF CONNECTED MATERIAL.



**ELEVATION**

**SPLICE DETAILS**

NTS

**AS BUILT  
RECORD PLANS**

RFC PLANS - WORK PACKAGE #1A  
BRIDGE 6N & S STRUCTURAL STEEL & BEARINGS  
JULY 29, 2011

BECK & BELLUCCI, INC.

TYLIN INTERNATIONAL

PROJECT NAME: BRATTLEBORO

PROJECT NUMBER: IM 091-(150)

FILE NAME: ZB-100-BR6-409.dgn

PROJECT LEADER: Brian W. Clogston P.E.

DESIGNED BY: Josh Olund

STEEL DETAILS 4 OF 5

PLOT DATE: 7/26/2011

DRAWN BY: S. A. Morgan

CHECKED BY: Mike Lopez

SHEET ZB-100-BR6-409