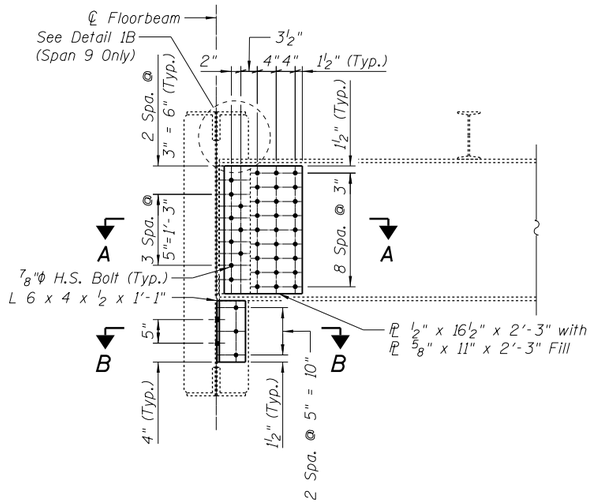


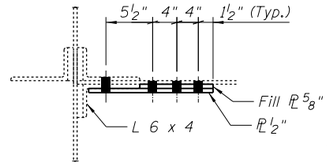
DETAIL 1

Span 9 Str. A @ FB. 11, Panel 11 (Looking West)
Span 10 Str. F @ FB. 9, Panel 9 (Looking West - Opp Hand)
Span 10 Str. F @ FB. 11, Panel 12 (Looking East)
Span 11 Str. F @ FB. 10, Panel 10 (Looking West)
Span 11 Str. F @ FB. 10, Panel 11 (Looking West - Opposite Hand)
Span 11 Str. F @ FB. 2, Panel 2 (Looking West)
Span 11 Str. F @ FB. 13, Panel 13 (Looking West - Opp Hand)
Span 11 Str. F @ FB. 13, Panel 14 (Looking East)
Span 13 Str. F @ FB. 0, Panel 1 (Looking East)

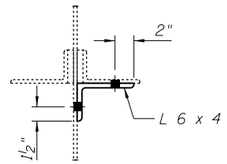
Notes:

Contractor shall temporarily support stringer while connection is removed.

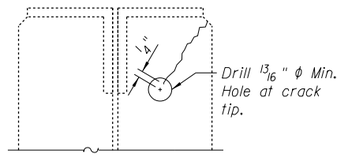
Dead load reactions provided for temporary shoring and cribbing. Contractor to add construction live loads. All work associated with temporarily supporting girder shall be paid for as Temporary Shoring and Cribbing, Type 2. See Special Provisions.



SECTION A-A



SECTION B-B



DETAIL 1B

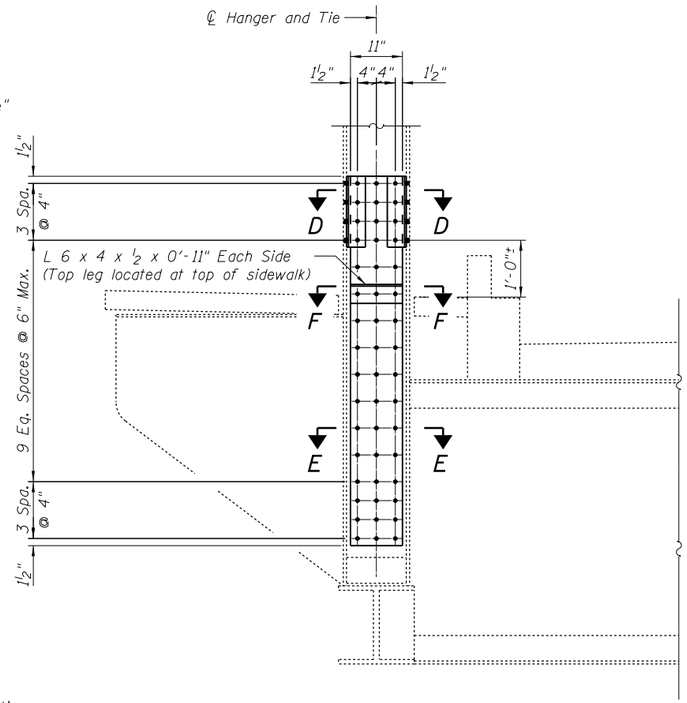
Span 9, Str. A @ FB. 11, Panel 11 Only

Note:

Locate crack tip using liquid dye penetrant or magnetic particle testing. Drill 13/16" min. ϕ Crack Arrestor hole at the crack tip. After crack arrestor hole has been drilled, dye penetrant or magnetic particle testing shall be used to verify that the drilled hole has captured the crack tip. Cost shall be included in the cost of "Furnishing and Erecting Structural Steel".

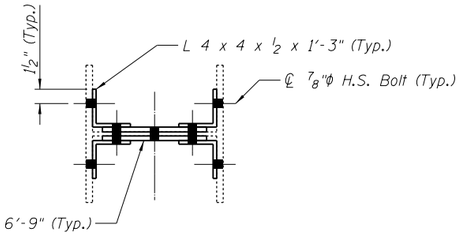
DETAIL 1 - DEAD LOAD REACTIONS

SPAN	BEAM	DEAD LOAD REACTIONS (KIPS)
9	A, F	26
10	A, F	26
11	A, F	26
13	A, F	26

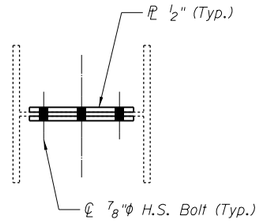


DETAIL 3

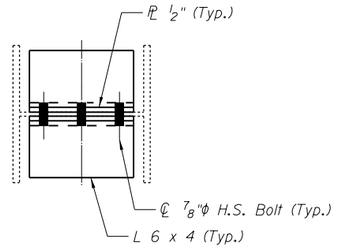
Span 9, Hanger 7E
Span 9, Hanger 5E
Span 9, Hanger 2W
Span 9, Hanger 2E
Span 9, Hanger 6E
Span 9, Hanger 4E
Span 9, Hanger 1E
Span 10, Hanger 1IW
Span 11, Hanger 10E
Span 12, Hanger 8E
(Looking South Typ.)
(Looking North Span 9, Hanger 2W)
(Looking North Span 10, Hanger 1IW)



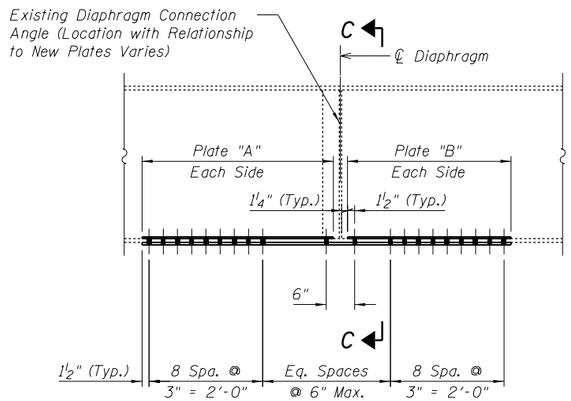
SECTION D-D



SECTION E-E

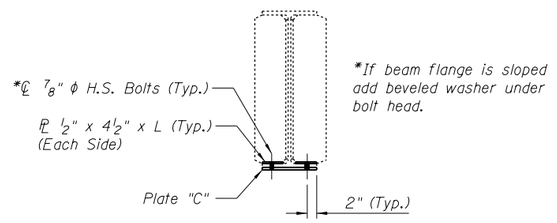


SECTION F-F



DETAIL 2

See Table for Locations and Plate Dimensions



*If beam flange is sloped add beveled washer under bolt head.

SECTION C-C

DETAIL 2 - LOCATION AND PLATE SIZE SUMMARY

SPAN	BEAM	REPAIR LOCATION	PLATE "A"	PLATE "B"	PLATE "C"
2	D	2nd Diaphragm From Bent 2	PL ½" x 4½" x 6'-4¼"	PL ½" x 4½" x 6'-4¼"	PL ½" x 11½" x 12'-11"
11	E	℄ Repair at 15'-8" From CL FB13	(2)-Top PL ½" x 4½" x 17'-0"		PL ½" x 11½" x 17'-0"
16	C	3rd Diaphragm From Bent 10	PL ½" x 4½" x 2'-10¾"	PL ½" x 4½" x 6'-4¾"	PL ½" x 11¾" x 9'-6"
16	C	2nd Diaphragm From Bent 10	PL ½" x 4½" x 3'-2¾"	PL ½" x 4½" x 2'-3"	PL ½" x 11¾" x 5'-8¼"
16	C	4th Diaphragm From Bent 10	PL ½" x 4½" x 2'-3"	PL ½" x 4½" x 2'-10¾"	PL ½" x 11¾" x 5'-4¼"
17	A	4th Diaphragm From Bent 11	PL ½" x 4½" x 2'-3¼"	PL ½" x 4½" x 2'-3¼"	PL ½" x 12" x 4'-9"
17	C	4th Diaphragm From Bent 11	PL ½" x 4½" x 2'-6¼"	PL ½" x 4½" x 2'-6¼"	PL ½" x 11½" x 5'-3"
17	D	4th Diaphragm From Bent 11	PL ½" x 4½" x 3'-10¾"	PL ½" x 4½" x 5'-10¾"	PL ½" x 11½" x 10'-0"
18	C	4th Diaphragm From Bent 12	PL ½" x 4½" x 2'-10¾"	PL ½" x 4½" x 4'-10¾"	PL ½" x 11¾" x 8'-0"
18	D	4th Diaphragm From Bent 12	PL ½" x 4½" x 2'-10¾"	PL ½" x 4½" x 4'-10¾"	PL ½" x 11¾" x 8'-0"
19	A	4th Diaphragm From Bent 13	PL ½" x 4½" x 5'-10¾"	PL ½" x 4½" x 3'-10¾"	PL ½" x 12" x 10'-0"
20	C	3rd Diaphragm From Bent 14	PL ½" x 4½" x 3'-10¾"	PL ½" x 4½" x 6'-10¾"	PL ½" x 11¾" x 11'-0"
20	D	3rd Diaphragm From Bent 14	PL ½" x 4½" x 12'-10¾"	PL ½" x 4½" x 3'-10¾"	PL ½" x 11¾" x 17'-0"
21	C	4th Diaphragm From Bent 15	PL ½" x 4½" x 4'-10¾"	PL ½" x 4½" x 3'-10¾"	PL ½" x 11¾" x 9'-0"
21	C	5th Diaphragm From Bent 15	PL ½" x 4½" x 4'-10¾"	PL ½" x 4½" x 3'-10¾"	PL ½" x 11½" x 9'-0"
21	D	5th Diaphragm From Bent 15	PL ½" x 4½" x 5'-10¾"	PL ½" x 4½" x 5'-10¾"	PL ½" x 11½" x 12'-0"
23	D	2nd Diaphragm From Bent 17	PL ½" x 4½" x 2'-3¼"	PL ½" x 4½" x 2'-3¼"	PL ½" x 11½" x 4'-9"
24	C	2nd Diaphragm From Bent 18	PL ½" x 4½" x 3'-10¼"	PL ½" x 4½" x 3'-11¼"	PL ½" x 11½" x 8'-0"
24	C	3rd Diaphragm From Bent 18	PL ½" x 4½" x 4'-4¾"	PL ½" x 4½" x 3'-10¾"	PL ½" x 11½" x 8'-6"
24	D	3rd Diaphragm From Bent 18	PL ½" x 4½" x 4'-4¾"	PL ½" x 4½" x 3'-10¾"	PL ½" x 11½" x 8'-6"
27	A	2nd Diaphragm From Bent 21	PL ½" x 4½" x 2'-3¼"	PL ½" x 4½" x 2'-3¼"	PL ½" x 11¾" x 4'-9"

Note: For this table, in referencing diaphragms, the first shall be on the pier or abutment.