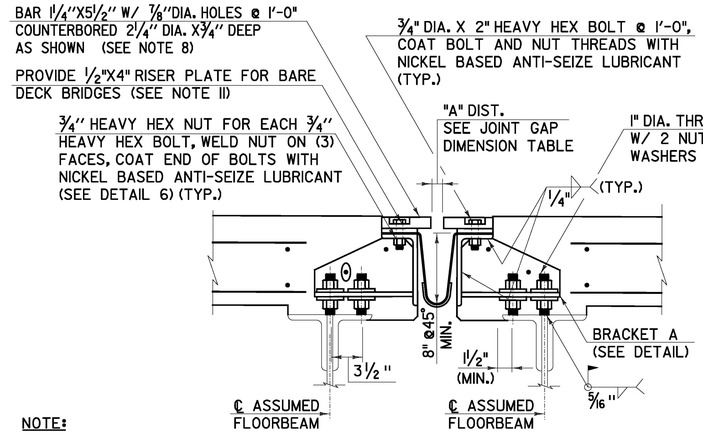
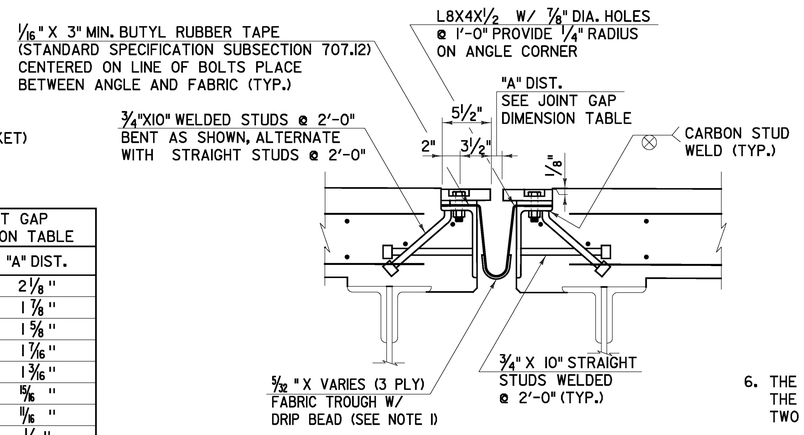


NOTE:
WORK SECTION I-I AND SECTION J-J TOGETHER

SECTION I-I
(TYPICAL SECTION AT BRACKETS)
SCALE 1½" = 1'-0"

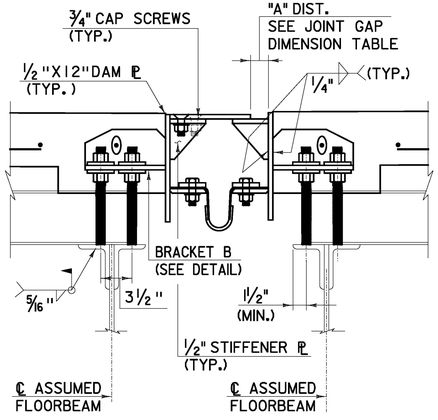
JOINT GAP DIMENSION TABLE	
TEMP.	"A" DIST.
0°F	2⅛"
15°F	1⅞"
30°F	1⅝"
45°F	1⅜"
60°F	1⅛"
75°F	⅞"
90°F	⅝"
105°F	½"



SECTION J-J
(TYPICAL SECTION BETWEEN BRACKETS)
SCALE 1½" = 1'-0"

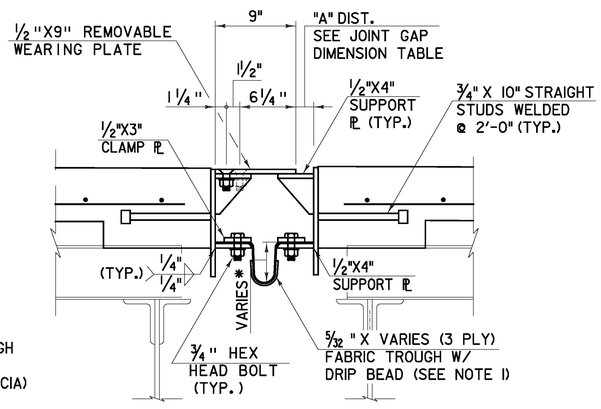
EXPANSION JOINT NOTES:

1. PREFORMED FABRIC MATERIAL SHALL BE CONTINUOUS FOR THE FULL LENGTH OF THE JOINT.
2. A DRIP BEAD OF ¼"X7" STRIP OF PREFORMED FABRIC MATERIAL SHALL BE CEMENTED TO THE BOTTOM OF THE FABRIC TROUGH USING AN ADHESIVE APPROVED BY THE MANUFACTURER. THE DRIP BEAD SHALL BE APPLIED 1" FROM THE DOWNSPOUT END OF THE TROUGH.
3. THE TOP OF THE 1¼"X5½" DECK BAR SHALL BE COVERED TO PROTECT THE FINISH DURING PLACING OF BRIDGE DECK CONCRETE.
4. ALL STEEL COMPONENTS SHALL BE GALVANIZED OR METALIZED AND MEET THE REQUIREMENTS OF STANDARD SPECIFICATION SUBSECTION 516.02. THE WELDED STUDS MAY BE SUPPLIED WITHOUT GALVANIZING OR METALIZING.
5. THREADED RODS SHALL CONFORM TO THE REQUIREMENTS OF STANDARD SPECIFICATIONS SUBSECTION 714.04.
6. THE 8"X4"X½" ANGLES SHALL BE FURNISHED AS ONE CONTINUOUS PIECE. THE 1¼"X5½" BARS EACH SIDE OF THE JOINT SHALL BE PROVIDED IN TWO EQUAL LENGTHS.
7. PROJECTING THREADS OF THE ¾" DIA. BOLTS IN THE JOINT SHALL BE GREASED BY THE CONTRACTOR PRIOR TO PLACING ADJACENT CONCRETE. THIS WILL FACILITATE BOLT REMOVAL IF REQUIRED IN THE FUTURE.
8. FILL COUNTERBORED HOLES WITH HOT POURED JOINT SEALER IN ACCORDANCE WITH STANDARD SPECIFICATION SUBSECTION 707.04 AFTER BOLT INSTALLATION. PAYMENT SHALL BE INCLUDED UNDER ITEM 516.11 BRIDGE EXPANSION JOINT, VERMONT.
9. THE EXPANSION JOINT, INCLUDING THE FABRIC TROUGH, SHALL BE SHOP ASSEMBLED AND SHIPPED AS ONE UNIT.
10. TEMPORARY SHIPPING ATTACHMENTS SHALL BE ATTACHED BY BOLTING; WELDING WILL NOT BE PERMITTED.
11. BARE DECK RISER PLATES SHALL BE INCLUDED ON BOTH SIDES OF THE JOINT AND MATCH THE LENGTHS OF THE 1¼"X5½" BARS. THE RISER PLATES CAN BE REMOVED IF THE DECK IS MILLED IN THE FUTURE.
12. THE CONTRACTOR SHALL INCLUDE A FABRIC TROUGH PLAN IN THE FABRICATION DRAWINGS FOR SUBMITTAL TO THE STRUCTURES ENGINEER.



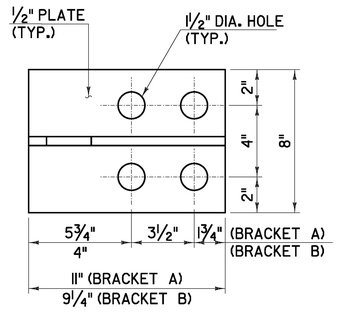
NOTE:
WORK SECTION K-K AND SECTION L-L TOGETHER

SECTION K-K
(TYPICAL SECTION AT BRACKETS)
SCALE 1½" = 1'-0"

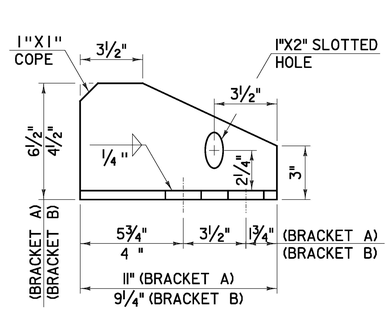


*SET AT 3" AT HIGH SIDE OF TROUGH (RIGHT SDWK. FASCIA) @ 45°F

SECTION L-L
(TYPICAL SECTION BETWEEN BRACKETS)
SCALE 1½" = 1'-0"



BRACKET PLAN
SCALE 3" = 1'-0"



BRACKET ELEVATION
SCALE 3" = 1'-0"

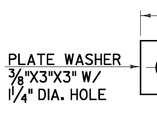


PLATE WASHER DETAIL
SCALE 3" = 1'-0"

DETAIL 6
NOT TO SCALE

SCALE ¾" = 1'-0
0 2

SCALE 1½" = 1'-0
9 6 3 0

SCALE 3" = 1'-0
9 6 3 0

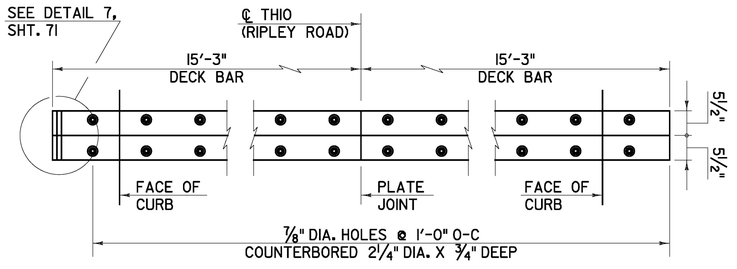


PLATE DETAIL
SCALE ¾" = 1'-0"

CHA

EXPANSION JOINT DETAILS

PROJECT NAME: RUTLAND CITY
PROJECT NUMBER: BRF 3000 (19)

PROJECT LEADER: M.D.S.
DESIGNED BY: D.M.D.
DWG. NO.:
PLOT DATE: 6/30/2014
DRAWN BY: D.M.D.
CHECKED BY: P.M.P.
SHEET 67 OF 245

FILE NAME = V:\Projects\ANY\K2\20615\CADD\MSTN\08_@96\consultants\x08_@96_jointdetails.dgn
DATE/TIME = 6/30/2014
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