

1. MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE VERMONT AGENCY OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION, 2006 EDITION", INCLUDING ITS LATEST REVISIONS, THE SPECIAL PROVISIONS, THE CONTRACT PLANS AND THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, 17TH EDITION, AND ITS LATEST REVISIONS. GENERAL SHOP PRACTICES, STRUCTURAL FABRICATION, WELDING AND ASSEMBLY SHALL BE GOVERNED BY ANSI/AASHTO/AWS D1.5 BRIDGE WELDING CODE.

3. THE D.S. BROWN COMPANY TO SUPPLY ONLY THE PARTS SHOWN ON THIS DRAWING.

4. ALL STEEL SHALL BE PRODUCED IN THE UNITED STATES OF AMERICA.

6. PTFE IS TO BE PURCHASED ETCHED ON ONE SIDE FOR BONDING. THE BONDING PROCESS FOR LAMINATING PTFE TO THE FABRIC PAD IS AS FOLLOWS: THE FABRIC PAD SURFACE TO BE BONDED IS PREPARED FOR LAMINATION. A TWO-PART STRUCTURAL GRADE EPOXY IS THEN APPLIED PER THE MANUFACTURER'S INSTRUCTIONS. THE PTFE IS CUT SLIGHTLY OVERSIZE TO ACCOUNT FOR POSSIBLE DRIFT. THE PTFE IS THEN APPLIED TO THE FABRIC PAD AND PUT INTO A VACUUM PRESS AT THE APPROPRIATE PRESSURE FOR THE NECESSARY TIME PERIOD. ONCE THE FABRIC PAD AND PTFE IS REMOVED FROM THE PRESS, THE PTFE IS TRIMMED TO PLAN SIZE AND THE PADS ARE SUBMITTED FOR QUALITY CONTROL REVIEW.

8. ALL CORNERS AND EDGES OF STEEL PLATES SHALL BE GROUND TO A 1.6 RADIUS FOR PAINTING.

11. DS BROWN MAY SUBSTITUTE A709 GR. 345W FOR A709 GR. 345 DUE TO AVAILABILITY AT NO ADDITIONAL COST TO THE OWNER OR CONTRACTOR.

SOLE PL. PLAN DIMENSIONS	± 1.6
SOLE PL. THICKNESS	± 1.6
HOLE LOCATION	± 1.6
PTFE THICKNESS	± 1.6
PTFE PLAN DIMENSION, TOTAL DESIGN AREA	± 1.6
STAINLESS STEEL FINISH	≤20μ' RMS #8 MIRROR

BEARING SURFACES SHALL BE FLAT WITH A MAXIMUM PERMISSIBLE VARIATION OF 0.25mm FROM A PLANE DETERMINED BY ANY THREE CORNERS OF THE PLATE.

A hand-drawn diagram of a specimen, likely a metal strip, showing different surface treatments. The central portion is labeled "NO COATING, MASK S.S." and is flanked by two sections labeled "GALV. OR METALIZE". Above the right "GALV. OR METALIZE" section, the word "PAINT" is written and crossed out with a diagonal line. The diagram includes dimension lines and arrows indicating the extent of these treatments.

Diagram illustrating the cross-section of a composite beam. The top flange is labeled "GALV. OR METALIZE" and "PAINT". The bottom flange is labeled "PAINT". Arrows indicate the application of paint to the flanges.

1. ALL STRUCTURAL STEEL SURFACES TO BE PAINTED SHALL BE CLEANED IN ACCORDANCE WITH SSPC-SP10.

2. ALL SPECIFIED EXTERNAL STEEL TO BE PAINTED WITH:

PLEASE VERIFY COATING SYSTEM. DSB
WILL FABRICATE AS SHOWN IF NOT MARKED.

FINISH COAT FEDERAL STANDARD COLOR NO. 14062 (GREEN).

INTERMEDIATE COAT SHALL OF A CONTRASTING COLOR TO THE PRIMER AND TOP COAT COLORS.

3. SEE COATING LIMIT DETAILS FOR PAINT LOCATIONS.

NO PAINT
ALL METAL COMPONENTS OF BEARING DEVICES
SHALL BE GALVANIZED OR METALIZED. GALVANIZING
SHALL BE APPLIED IN ACCORDANCE WITH
AASHTO M118/M119 OR AASHTO M232/M233,
METALIZING SHALL CONFORM TO SECTION 506.15(b)

RECEIVED
OK'D BY _____ OK'D BY mem
NOV 17 2009
RECEIVED _____ APPROVED AS NOTED
BY _____ DATE 12/31/09

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