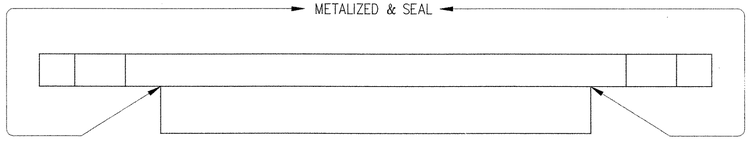
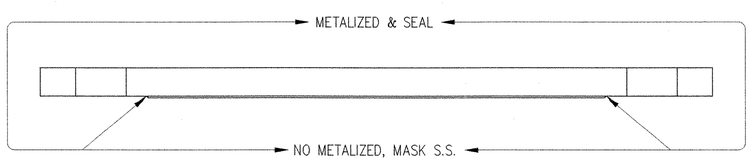


FIXED BEARING COATING LIMITS



EXPANSION BEARING COATING LIMITS

GENERAL NOTES:

1. PAD AND MATERIALS SHALL CONFORM TO STATE OF VERMONT, AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, DATED 2001 AND THE LATEST REVISIONS, INCLUDING SUPPLEMENTARY SPECIFICATIONS, CONTRACT PLANS, AND THE SPECIAL PROVISIONS. GENERAL SHOP PRACTICES, STRUCTURAL FABRICATION, WELDING AND ASSEMBLY SHALL BE GOVERNED BY ANSI/AASHTO/AWS D1.5 BRIDGE WELDING CODE.

2. THESE SHOP DRAWINGS ARE PREPARED IN ACCORDANCE WITH THE CONTRACT PLANS AND SPECIFICATIONS. THE D.S. BROWN COMPANY DOES NOT ACCEPT LIABILITY FOR THE DESIGN OF THE PRODUCTS DETAILED IN THESE SHOP DRAWINGS.

3. THE D.S. BROWN COMPANY TO SUPPLY ONLY THE PARTS SHOWN ON THESE DRAWINGS.

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

5. THE MAXIMUM COEFFICIENT OF FRICTION BETWEEN THE PTFE AND STAINLESS STEEL SHALL NOT EXCEED 0.06 AT 800 PSI.

6. ALL CORNERS AND EDGES OF STEEL PLATES SHALL BE GROUND TO A 0.063" RADIUS.

7. PTFE SHALL BE PURE VIRGIN UNFILLED POLYTETRAFLUOROETHYLENE.

8. STAINLESS STEEL SHALL CONFORM TO ASTM A240–TYPE 304 AND SHALL BE ~~16~~ 14 GA. (0.075~~0.060~~"). STAINLESS STEEL SLIDING SURFACES IN CONTACT WITH PTFE SHALL HAVE A NO. 8 MIRROR FINISH AND ALL OTHERS SHALL HAVE A 2B FINISH.

9. ALL STRUCTURAL STEEL SURFACES TO BE METALIZED SHALL BE CLEANED IN ACCORDANCE WITH SSPC–SP10.

10. ALL SPECIFIED STEEL TO BE ZINC METALIZED IN ACCORDANCE WITH AWS C 2.18 SPECIFICATIONS TO A MINIMUM DRY FILM THICKNESS OF 6 MILS. THE ZINC METALIZED SHALL CONSIST OF 99.9% ZINC. EXTERIOR SURFACES SHALL BE SEALED WITH CARBOLINE SEALER "RUSTABOND" WITH A MINIMUM DRY FILM THICKNESS 2 MILS. SEE COATING LIMITS FOR LOCATIONS.

11. UNLESS OTHERWISE NOTED, DIMENSIONAL TOLERANCES & SURFACE FINISHES SHALL SATISFY THE REQUIREMENTS OF AASHTO DIVISION II, SECTION 18, TABLE 18.5.1.5–1.

12. THE TEMPERATURE OF THE STEEL ADJACENT TO THE PTFE & FABRIC PAD SHALL NOT EXCEED 300°F (149°C). TEMPERATURE SHALL BE CONTROLLED BY THE USE OF TEMPERATURE INDICATING CRAYON OR OTHER DEVICES APPROVED BY THE ENGINEERS.

RECEIVED
CK'D BY _____ OK'D BY _____
JAN 05 2004
RESUBMIT _____ APPROVED As Noted
BY RKW DATE 1-8-04

REV.	DESCRIPTION	DATE	DET.	CKD.

D.S. BROWN
300 E. CHERRY STREET
NORTH BALTIMORE, OHIO 45872
419.257.3561
FAX: 419.257.0332

4201 NOREX DRIVE
CHASKA, MINNESOTA 55318
952.368.3000
FAX: 952.448.7000

DSBROWN.COM

LOCATION — BOSTWICK ROAD OVER VERMONT RAILWAY
BRIDGE — 15
PROJECT — BRO 1445(30)
HIGHWAY — TH3
P.O. NO. — 7890
DESIGNER — McFARLAND–JOHNSON, INC.
CUSTOMER — S.D. IRELAND CONSTRUCTION

ITEM	QUANTITY
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DESCRIPTION: GENERAL NOTES & COATING LIMITS
CHITTENDEN CO., VERMONT

SCALE:	DRAWN BY:	CHECKED BY:	DATE:	
N.T.S.	D.ANDERSON	R. SCHADE	12/23/03	–
PROJECT NUMBER	PRODUCT CODE	RELEASE	SHEET	
10251	1106	1	GN1	

115 BE