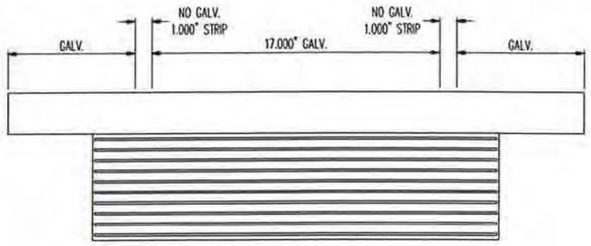
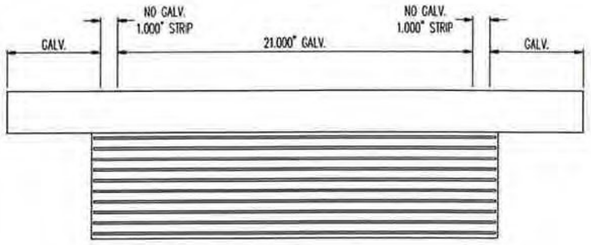
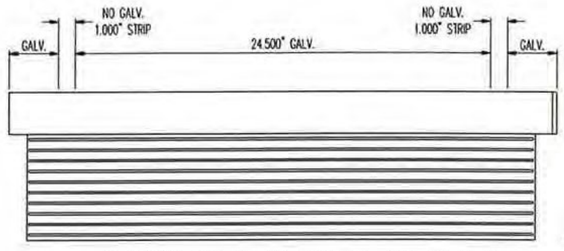


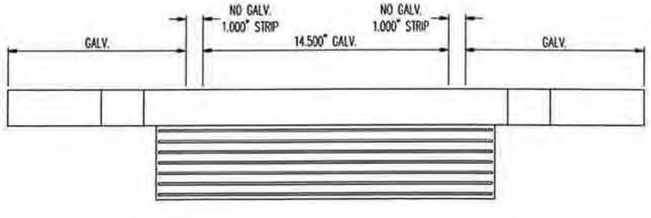
GALVANIZED STRIP LIMITS FOR ABUT. 1,
GIRDERS 2–4 & 6–8



GALVANIZED STRIP LIMITS FOR ABUT. 1,
GIRDERS 1 & 5



GALVANIZED STRIP LIMITS FOR PIER 1,
GIRDERS 1 THRU 8



GALVANIZED STRIP LIMITS FOR ABUT. 2,
GIRDERS 1 THRU 8

GENERAL NOTES:

1. PAD AND MATERIALS SHALL CONFORM TO STATE OF VERMONT, AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, DATED 2006 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. ALL CORNERS AND EDGES OF STEEL PLATES SHALL BE GROUND TO A 1/16" RADIUS.

6. THE BEARINGS SHALL BE SUBJECTED TO RANDOM IN-HOUSE ELASTOMER TESTING AND IN-HOUSE PROOF LOAD TESTING IN ACCORDANCE WITH AASHTO DIVISION I, SECTION 14 (PIER BEARINGS METHOD "B") (ABUTMENT BEARINGS METHOD "A")AND AASHTO DIVISION II, SECTION 18.

7. ALL STRUCTURAL STEEL SURFACES TO BE GALVANIZED SHALL BE CLEANED IN ACCORDANCE WITH SSPC-SP10.

8. ALL SPECIFIED STEEL TO BE GALVANIZED SHALL BE IN ACCORDANCE WITH ASTM A123 SPECIFICATIONS. REPAIR OF DAMAGED HOT DIPPED GALVANIZING PER ASTM A780.

9. WELDING PROCEDURES SHALL BE ESTABLISHED BY THE CONTRACTOR TO RESTRICT THE TEMPERATURE TO A MAXIMUM OF 93°C (200°F) FOR SURFACES IN CONTACT WITH THE ELASTOMER ~~AND 149°C (300°F) FOR SURFACES IN CONTACT WITH PTFE.~~ TEMPERATURES SHALL BE DETERMINED BY ~~TEMPERATURE INDICATING WAX PENCILS OR OTHER SUITABLE~~ MEANS

10. BEARING SHALL BE MARKED WITH BEARING LOCATION & A 1/32 DEEP DIRECTION ARROW THAT POINTS UPSTATION. ALL MARKS SHALL BE PERMANENT AND SHALL BE VISIBLE AFTER THE BEARING IS INSTALLED.

11. DS BROWN MAY SUBSTITUTE A709 GR. 50W FOR A709 GR. 50 DUE TO AVAILABILITY AT NO ADDITIONAL COST TO THE OWNER OR CONTRACTOR.

TOLERANCE TABLE	
DESCRIPTION (ELASTOMER)	TOLERANCE
ELASTOMERIC BEARING DESIGN THICKNESS > 1.250"	+ 1/4", -0
ELASTOMERIC BEARING PLAN ≤ 36"	+ 1/4", -0
ELASTOMERIC BEARING PLAN > 36"	+ 1/2", -0
ELASTOMERIC COVER TOP & BOTTOM	+ 1/8", -0
ELASTOMERIC COVER SIDES	+ 1/8", -0
THICKNESS OF INDIVIDUAL LAYERS OF ELASTOMER (LAMINATED BEARINGS	
ONLY) AT ANY POINT WITHIN THE BEARING	± 1/8"
VARIATION FROM A PLANE PARALLEL TO THE THEORETICAL SURFACE	
(AS DETERMINED BY MEASUREMENTS AT THE EDGE OF THE BEARINGS)	
TOP	± 0.005 rad
SIDES	± 1/4"
POSITION OF EXPOSED CONNECTION MEMBERS	± 1/8"
EDGE COVER OF EMBEDDED LAMINATES OF CONNECTION MEMBERS	+ 1/8", -0
SIZE OF HOLES, SLOTS, OR INSERTS	± 1/16"
POSITION OF HOLES, SLOTS, OR INSERTS	± 1/16"
STEEL PLATE PLAN DIMENSIONS	± 1/16"
STEEL PLATE THICKNESS	± 1/16"
HOLE OR SLOTS LOCATION	± 1/16"
SIZE OF HOLES & SLOTS	± 1/16"
STEEL PLATE BEVELED SLOPE	± 0.0002 RAD
STEEL PLATE SURFACE FINISH	* 125 RMS
STEEL PLATE SURFACE FLATNESS	* CLASS A

* FOR SURFACES IN CONTACT WITH THE ELASTOMER

FLATNESS TOLERANCE	
CLASS	x NOM DIM
A	0.001
B	0.002
C	0.005

T.Y.LIN INTERNATIONAL
SUBMITTAL REVIEW

Review is for general conformance with the contract plans. Neither the presence nor the absence of markings or notations on this submittal shall be construed as relieving the contractor from compliance with the contract plans and specifications; nor shall this review serve in any way to alter the contract plans or specifications. The preparer of this submittal is solely responsible for the accuracy of dimensions, selection of proper materials, development of techniques, safety, and proper construction in performance of the work depicted hereon.

☐ No Exceptions Taken ☐ Rejected
☒ Make Corrections Noted ☐ Review Not Required
☐ Amend and Resubmit

By: _____ Date 6/6/11

REV.	DESCRIPTION	DATE	DET.	CKD.

D.S. BROWN
THE D.S. BROWN COMPANY
300 E. CHERRY STREET
NORTH BALTIMORE, OHIO 45872
419.257.3561
FAX: 419.257.0332
WWW.DSBROWN.COM

ITEM	QUANTITY
LOCATION — INTERSTATE 91	–
BRIDGE — 6N&S	–
PROJECT — AC IM 091-1(50)	–
–	–
P.O. NO. — BRATTLEBORO	–
DESIGNER — T.Y. LIN INTERNATIONAL	–
CUSTOMER — BECK & BELLUCCI, INC	–
	–

DESCRIPTION: GENERAL NOTE & COATING LIMITS
WINDHAM CO., VT

SCALE:	DRAWN BY:	ENGINEER BY:	DATE:	
N.T.S.	DA	ANO	6/2/11	–
PROJECT NUMBER: 33065	PRODUCT CODE: 1104	RELEASE: 1	SHEET: GN1	