

GENERAL SHOP NOTES

1. ALL BEARINGS SHALL CONFORM TO APPLICABLE SUBSECTIONS OF SECTIONS 506, 531, 714, 726 AND 731 OF THE 2006 VT.O.A.T. STD. SPECIFICATIONS.
2. SOLE PLATES TO BE MARKED AS TO HIGH SIDE AND TO BE MARKED WITH AHEAD STATION ARROW AS SHOWN.
3. BEARING IS TO BE PROTECTED FROM MOISTURE AND DUST DURING SHIPMENT, STORAGE AND ERECTION.
4. ALL STEEL BEARING PLATES SHALL BE BLAST CLEANED SSPC-SP5 (WHITE METAL BLAST CLEANING) THEN ZINC METALIZED AS PER VAOT. STD. SPEC. SUBSECTIONS 531.04(b) & 506.15(b). ALL EXTERIOR SURFACES SHALL BE SEALED WITH AN APPROVED SEALANT.
5. ALL FREE EDGES OF PLATES TO BE COATED SHALL BE ROUNDED TO A 1/16 in. RADIUS OR SHALL HAVE THE EQUIVALENT FLAT SURFACE AT A SUITABLE ANGLE.
6. DRAWINGS ARE IN ENGLISH (IMPERIAL) UNITS, WITH METRIC UNITS SHOWN IN BRACKETS "[]" WHERE REQUIRED.

GENERAL INSTALLATION NOTES

1. BEARING ASSEMBLIES SHALL NOT BE LIFTED BY THEIR SOLE PLATES. ANY HANDLING SHALL SUPPORT THE BEARING FROM THE UNDERSIDE.
2. PROTECT BEARING ASSEMBLIES FROM WELD SPATTER, DIRT AND OTHER FOREIGN MATTER.
3. WHEN WELDING THE SOLE PLATE TO THE GIRDER FLANGE, USE TEMPERATURE INDICATING WAX PEN OR OTHER SUITABLE MEANS TO INSURE OF THE BEARING AT THE ELASTOMER DOES NOT EXCEED 200°F. TEMPERATURES ABOVE THIS MAY DAMAGE THE ELASTOMER.
4. FIELD WELDING OF THE BEARING UNIT DURING THE INSTALLATION PHASE SHALL BE PERFORMED BY QUALIFIED WELDERS USING APPROVED PROCEDURES AND ELECTRODES.
5. THE WELDS FOR THE SOLE PLATE CONNECTION SHOULD ONLY BE ALONG THE LONGITUDINAL GIRDER AXIS. TRANSVERSE JOINTS SHOULD BE SEALED WITH AN ACCEPTABLE CAULKING MATERIAL.
6. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE FIELD TOUCH-UP OF DAMAGED METALIZING AND SEAL COAT DUE TO FIELD WELDING AND BEARING INSTALLATION.
7. COSMEC REPRESENTATIVE DEBBIE PLANTE: (508) 455-3290

External Steel (Sole Plate & Masonry Plate) need to be M270 GR. 345 (Grade 50)

MATERIALS	SPECIFICATION
STRUCTURAL STEEL	AASHTO M270 GR.250 (GRADE 36)
ELASTOMERIC LAM. PAD	50 DUROMETER NATURAL RUBBER
STEEL LAMINATES	ASTM A36, A1011 GR.36 OR EQUAL
ANCHOR BOLTS	ASTM F1554 GR.55 (GALV.) HVY. HEX NUTS: ASTM A563-DH (GALV.) WASHERS: ASTM A36 OR AASHTO M270 GR.250 (GR.36) GALV.
FABRIC PADS	PER VAOT STD. SPECIFICATION SECTION 731.01
ELASTOMERIC WASHERS	50 DUROMETER NEOPRENE

ok

Ok

ok

**APPROVER NOTES:
PLEASE VERIFY THE CLOUDED ITEMS**

1. STRUCTURAL STEEL TYPE OR GRADE WAS NOT SPECIFIED IN THE CONTRACT PLANS.
2. THE DUROMETER AND TYPE OF ELASTOMER WAS NOT SPECIFIED IN THE CONTRACT PLANS FOR THE ELASTOMERIC BEARING OR ELASTOMERIC WASHER.
3. ASTM F568 IS NO LONGER A VALID SPECIFICATION FOR ANCHOR BOLTS.

SEE SHEETS 1 THRU 4 FOR BEARING ASSEMBLY DETAILS

**STATE OF VERMONT
AGENCY OF TRANSPORTATION
TOWN OF READSBORO
ROUTE NO: TH 2, FAS 105,
(MAJOR COLLECTOR) BRIDGE #32**

STATE	COUNTY	CONTROL NO.
VT.	BENNINGTON	N/A

PROJ. ID NO.: BRF 0105 (3)

**DYNAMIC RUBBER
LAM. ELASTOMERIC BEARING ASS'YS**

Cosmea 1501 ROCKY RIDGE ROAD
P.O. BOX 2159
ATHENS, TEXAS 75751

SCALE: NONE	DRAWN BY: RP	CHECKED BY: SL
	DATE: 8/29/12	DATE: 8/31/12

Vermont Agency of Transportation
RECEIVED
CK'D BY M.R.U. OK'D BY J.A.G.
Sept. 5, 2012
RESUBMIT APPROVED AS NOTED ✓
BY J. LACROIX DATE 09-20-2012

△						SHEET GN1 OF 1	JOB NO.: 11621
REV.	DESCRIPTION	BY	DATE	CK'D	DATE	CUSTOMER RENAUD BROTHERS, INC.	DRAWING NUMBER 11621-GN1 REV. 0