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Submittal Data Sheet

Submittal #: 1

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Date: 4/2/2015

Project Name: Barton BRO (1449) Bridge Replacement

Owner: Town of Barton, VT

Engineer: Vtrans

Contractor: J.P. Sicard Inc.

Item Number: 531.17

Supplier: Scougal Rubber

Description of Item: Elastomeric Bearing Pad

Substitution: NO

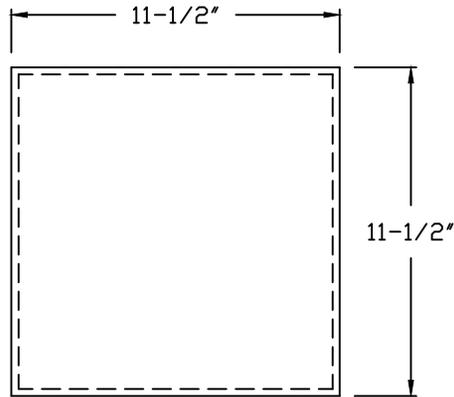
Engineers Review Comments: _____

Submitted By: George Carpenter

Title: Project Manager

Company: JP Sicard Inc

885 DENMARK DRIVE
 SUITE 103
 MCCARRAN, NV 89434
 PH. (775) 284-8500
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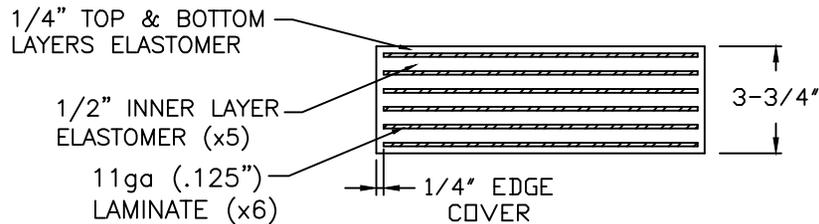
PLAN
 LAMINATED PAD @ ABUTMENTS

SERVICE DESIGN LOADS:
 (DESIGN METHOD A)

MAXIMUM DEAD LOAD = 32.2 K
 MINIMUM LIVE LOAD = 31.7 K

NOTES:

- ELASTOMERIC BEARING PADS SHALL BE MANUFACTURED IN ACCORDANCE WITH THE STATE OF VERMONT AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION (SECTIONS 531 AND 731), DATED 2011, AND IT'S LATEST REVISIONS, AND THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, DATED 2012, AND IT'S LATEST REVISIONS, AND THE CONTRACT DRAWINGS PROVIDED FOR THIS PROJECT.
- ELASTOMER SHALL BE 60 +/-5 DUROMETER (SHORE "A") AASHTO GRADE 4 NATURAL RUBBER, WITH A SHEAR MODULUS RANGE OF 130 - 200 psi.
- 11ga INTERNAL STEEL LAMINATES SHALL BE PER ASTM A1011, GRADE 36, CONFORMING WITH VERMONT STANDARD SPECIFICATION SUBSECTION 714.02. LAMINATES SHALL BE SAND BLASTED AND FREE OF BURRS AND SHARP EDGES.
- 1/4" EXTERNAL STEEL SHIMS SHALL BE PER ASTM A36, AND GALVANIZED PER ASTM A123.
- SCOUGAL RUBBER WILL PROVIDE MILL CERTS AND MATERIAL TEST REPORTS. AASHTO M251 TESTING WILL BE PROVIDED.
- WHERE APPLICABLE, MATERIALS SHALL COMPLY WITH THE "BUY AMERICA" ACT OF 1982.
- SCOUGAL RUBBER REQUIRES A MINIMUM OF 6-8 WEEKS FROM APPROVAL OF THIS SHOP DRAWING TO FABRICATE THE BEARING PADS.



PAD SECTION

(QTY. 12) PADS
 (PLUS 2 FOR M251 TESTING)

ALSO INCLUDED:
 (QTY. 16)

1/4" x 12-1/2" x 12-1/2"
 GALVANIZED SHIMS

SOLD TO:		SCOUGAL RUBBER CORP.		
J.P. SICARD, INC.		ROARING BROOK ROAD BRIDGE (TH 2)		
		(BRIDGE #8)		
SRC# 13546		TOWN OF BARTON		
		ORLEANS COUNTY, VERMONT		
DATE: MARCH 2015		PROJECT# BRO-1449(31)		
		SIZE A	DRAWN BY: R. JENSEN	ELASTOMERIC BEARING PAD DETAILS
		SCALE 1:1 (AUTOCAD)	CHECKED BY: R. TIMMONS	SHEET 1 OF 1