

# COSMEC INC. / DYNAMIC RUBBER

P.O. Box 2159  
1501 Rocky Ridge Road  
Athens, TX 75751  
TEL: 903.677.2871    FAX: 903.675.4776

## TRANSMITTAL SHEET

TO: A.L. ST. ONGE CONTRACTOR INC  
ATTN: STACEY ST. ONGE  
CC: KERRY MARCHAND

DATE: 9/23/14  
JOB: BRF 030-02 (26)  
RE: SHOP DRAWING SUBMITTAL  
DRP JOB NO: 12758    LOCATION: LAMIOLLE CO., VT.

WE TRANSMIT TO YOU UNDER SEPARATE COVER HERE WITH THE FOLLOWING DRAWINGS:

| DWG NO   | REV NO | NO EACH | DESCRIPTION  | REMARKS       |
|----------|--------|---------|--------------|---------------|
| 12758-D1 | 0      | 1       | SHOP DRAWING | APPROVER NOTE |
|          |        |         |              |               |
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| DWG NO | REV NO | NO EACH | DESCRIPTION | REMARKS |
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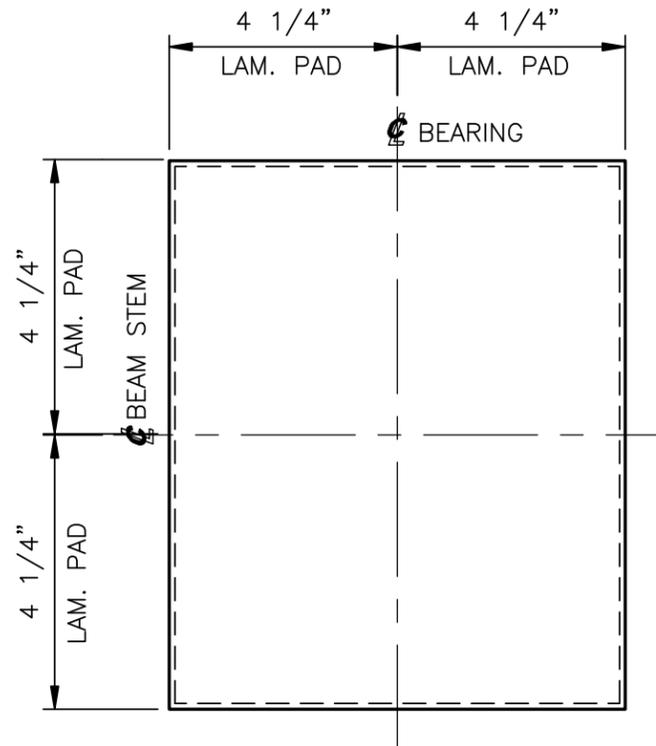
COMMENTS: **THE ATTACHED SHOP DRAWINGS ARE SUBMITTED FOR APPROVAL. PLEASE FORWARD THIS PACKAGE TO THE ENGINEER FOR REVIEW AND ADVISE THE APPROVAL STATUS AS SOON AS POSSIBLE.**

**\*\*\* APPROVER NOTES REQUIRE REPLY\*\*\***

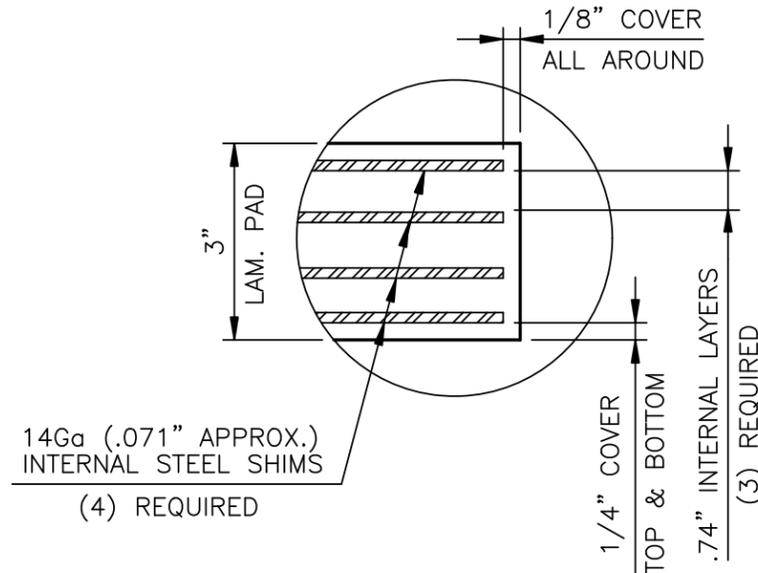
THE ABOVE PRINTS ARE SUBMITTED TO YOU FOR:

|   |   |   |
|---|---|---|
| <input type="checkbox"/> (XXX) Approval       | <input type="checkbox"/> ( ) Final Approval   | <input type="checkbox"/> ( ) Distribution |
| <input type="checkbox"/> ( ) Field Use        | <input type="checkbox"/> ( ) Fabrication      | <input type="checkbox"/> (XXX) E-MAIL     |
| BY: <input type="checkbox"/> ( ) Next Day Air | <input type="checkbox"/> ( ) Second Day Air   | <input type="checkbox"/> ( ) Messenger    |
| <input type="checkbox"/> ( ) UPS              | <input type="checkbox"/> ( ) First Class Mail | <input type="checkbox"/> ( ) Fax          |

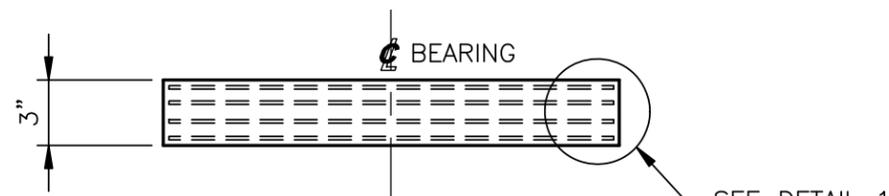
Thank you  
JENNIFER GARZA  
COSMEC INC. / DYNAMIC RUBBER PRODUCTS  
[WWW.COSMECINC.COM](http://WWW.COSMECINC.COM)



PLAN VIEW



14Ga (.071" APPROX.)  
INTERNAL STEEL SHIMS  
(4) REQUIRED



ELEVATION VIEW

**LAMINATED ELASTOMERIC BEARING PAD**

**MARK: LEP1**

- (8) LOCATED AT ABUT. 1
- (8) LOCATED AT ABUT. 2
- (16) TOTAL REQUIRED

**DETAIL 1**  
LAMINATED BEARING PAD  
3" X 8 1/2" X 8 1/2"  
50 DUROMETER GRADE 4 NATURAL RUBBER  
WITH A SHEAR MODULUS OF 100 PSI +/- 15%  
(16) REQUIRED FOR STRUCTURE

**TEST PAD**  
LAMINATED BEARING PAD  
3" X 8 1/2" X 8 1/2"  
50 DUROMETER GRADE 4 NATURAL RUBBER  
WITH A SHEAR MODULUS OF 100 PSI +/- 15%  
(2) REQUIRED FOR TESTING

**MAX. REACTION/BEAM**  
DEAD LOAD = ~~XX~~ kips  
LIVE LOAD = ~~XX~~ kips

**35 kips**      **0 kips**

**APPROVER NOTE:**  
PLEASE PROVIDE LOAD  
CRITERIA FOR TESTING

**SHOP NOTES:**

1. ALL BEARINGS SHALL CONFORM TO APPLICABLE SUBSECTIONS OF SECTIONS 531 AND 731 OF THE 2011 VTAOT STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
2. MATERIAL:  
ELASTOMER: 50 DUROMETER GRADE 4 NATURAL RUBBER.  
WITH A SHEAR MODULUS OF 100 PSI +/- 15%.  
STEEL LAMINAE: ASTM A1011 GRADE 36 OR EQUAL.
3. ALL BEARINGS SHALL BE MARKED PRIOR TO SHIPPING.  
ALL MARKS SHALL BE PERMANANT AND BE VISIBLE AFTER ERECTION.
4. ALL DIMENSIONS ARE IN INCHES.
5. COSMEC REPRESENTATIVE KERRY MARCHAND: (508) 455-3290
6. VT.A.O.T. WILL BE NOTIFIED (7) DAYS BEFORE THE START OF FABRICATION.

Vermont Agency of Transportation  
**RECEIVED**

12758 DRAWING bearings SUBMITTAL 9-23-14.pdf

CK'D BY HIS \_\_\_\_\_ OK'D BY MRU \_\_\_\_\_

September 24, 2014

RESUBMIT No \_\_\_\_\_ Approved AsNoted  
BY C. Carlson DATE 09/25/2014

STATE OF VERMONT  
AGENCY OF TRANSPORTATION  
BRIDGE NO.32  
ROUTE NO: VT 15 (MINOR ARTERIAL)

ITEM NO. 531.17  
TOWN OF JOHNSON

|       |          |             |
|-------|----------|-------------|
| STATE | COUNTY   | CONTROL NO. |
| VT    | LAMOILLE | N/A         |

PROJ. NO.: BRF 030-2 (26)

**DYNAMIC RUBBER:**  
**LAMINATED BEARING PADS**

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

|             |               |                 |
|-------------|---------------|-----------------|
| SCALE: NONE | DRAWN BY: JG  | CHECKED BY: ELS |
|             | DATE: 9/17/14 | DATE: 9/23/14   |

SHEET 1 OF 1 **JOB NO.: 12758**

|      |             |    |      |      |      |  |                            |           |
|------|-------------|----|------|------|------|--|----------------------------|-----------|
| REV. | DESCRIPTION | BY | DATE | CK'D | DATE | CUSTOMER:<br>A.L. ST. ONGE CONTRACTOR INC. | DRAWING NUMBER<br>12758-D1 | REV.<br>0 |
|------|-------------|----|------|------|------|--|----------------------------|-----------|