

# 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: THE BELDEN COMPANY  
ATTN: KEN GUGGI  
CC: KERRY MARCHAND

DATE: 6/9/14  
JOB: BRF 3000 (18) BRIDGE # 14  
RE: SHOP DRAWING SUBMITTAL  
DRP JOB NO: 12541    LOCATION: RUTLAND CO., VT.

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

DWG NO	REV NO	NO EACH	DESCRIPTION	REMARKS
12541-E1	0	1	ERECTION DIAGRAM	
12541-D1	0	1	SHOP DRAWING	<b>APPROVER NOTES</b>

DWG NO	REV NO	NO EACH	DESCRIPTION	REMARKS

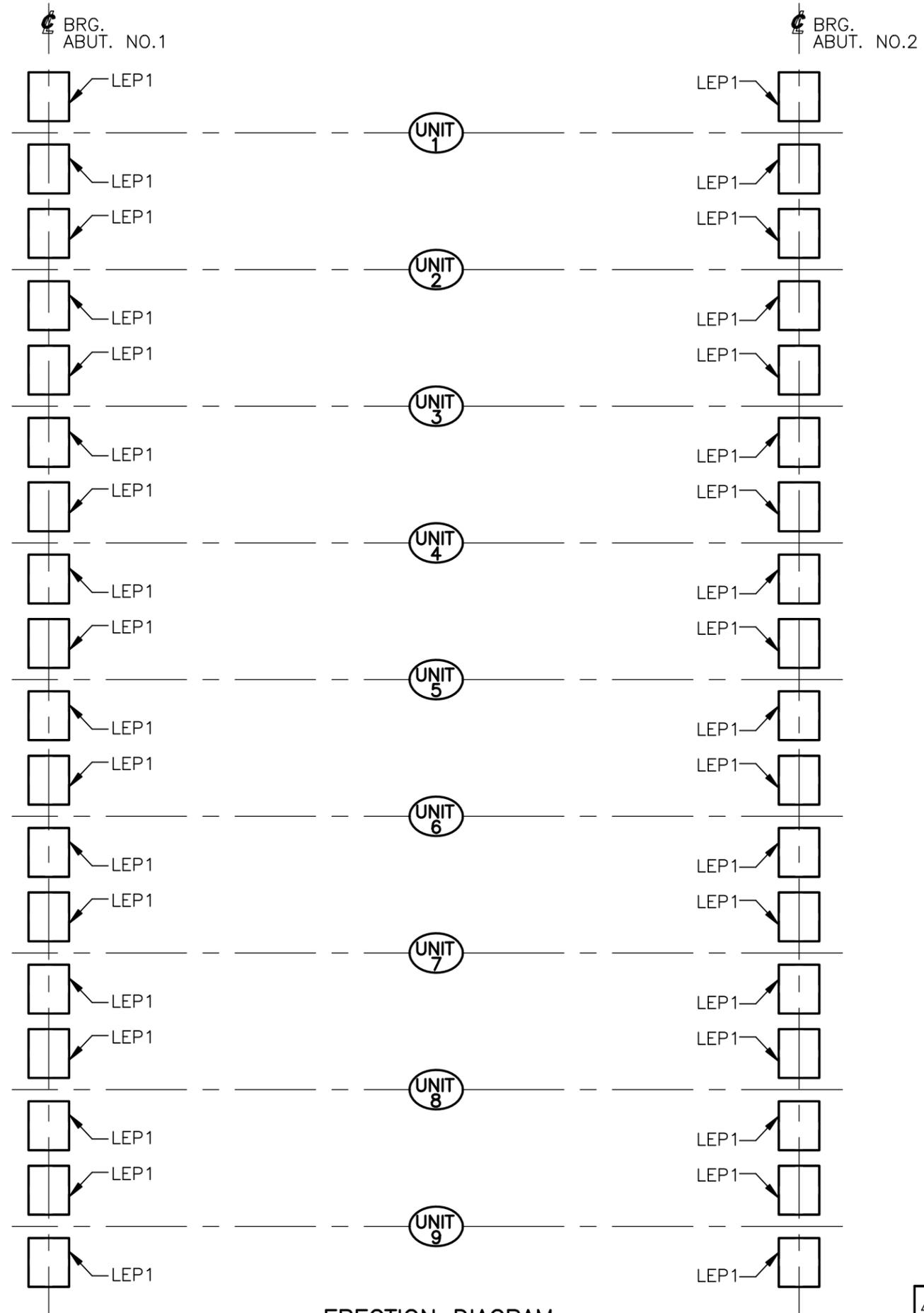
COMMENTS: **THE ATTACHED SHOP DRAWINGS ARE SUBMITTED FOR APPROVAL. PLEASE FORWARD THIS PACKAGE TO THE ENGINEER FOR REVIEW AND ADVISE THE APPROVAL STATUS AS SOON AS POSSIBLE.**

**\*\*\* 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)



**Vermont Agency of Transportation**  
**RECEIVED**  
Erection Diagram and Bearings 6-9-14.pdf  
**CK'D BY M. UMBERGER OK'D BY C. CARLSON**  
**June 9, 2014**  
**RESUBMIT NO Approved**  
**BY C. CARLSON DATE 06/24/2014**  
 SEE SHEET DI FOR SHOP NOTES

STATE OF VERMONT  
 AGENCY OF TRANSPORTATION  
 BRIDGE NO.14  
 ROUTE NO: TH 13 (FOREST STREET)  
 OVER MOON BROOK  
 ITEM NO. 513.17  
 CITY OF RUTLAND

STATE	COUNTY	CONTROL NO.
VT	RUTLAND	N/A

PROJ. NO.: BRF 3000 (18)

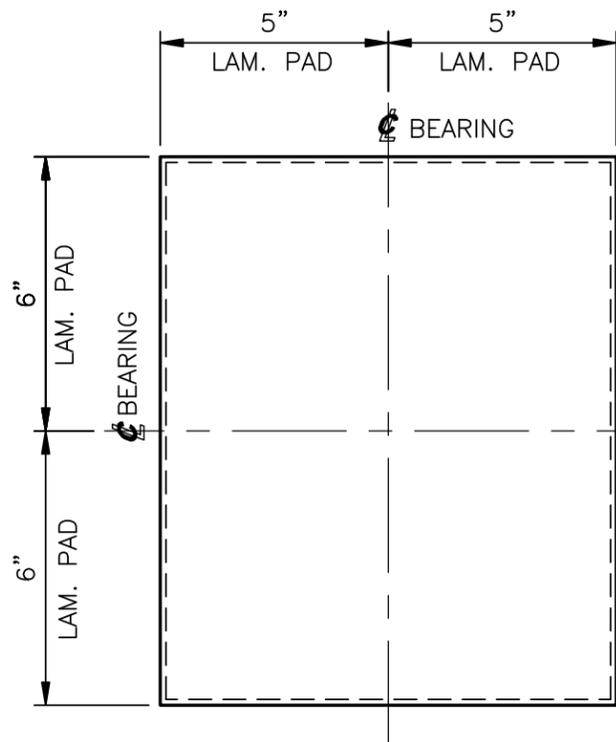
**DYNAMIC RUBBER:  
LAMINATED BEARING PADS**

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

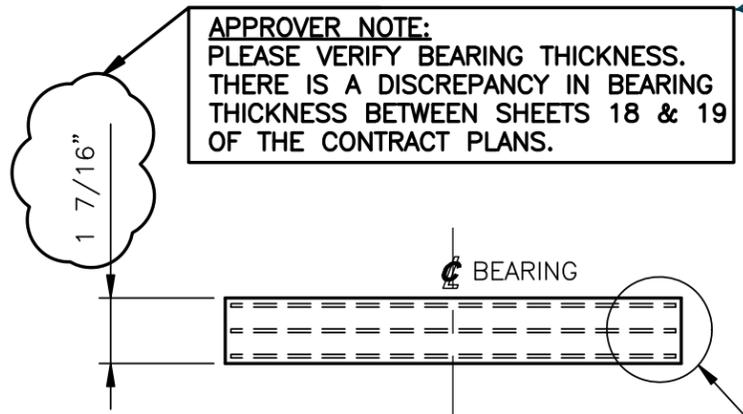
SCALE: NONE	DRAWN BY: RO DATE: 5/22/14	CHECKED BY: SL DATE: 6/5/14
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SHEET E1 OF 1 **JOB NO.: 12541**

REV.	DESCRIPTION	BY	DATE	CK'D	DATE	CUSTOMER: THE BELDEN COMPANY	DRAWING NUMBER 12541-E1	REV. 0
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PLAN VIEW



ELEVATION VIEW

**LAMINATED ELASTOMERIC BEARING PAD**

**MARK: LEP1**

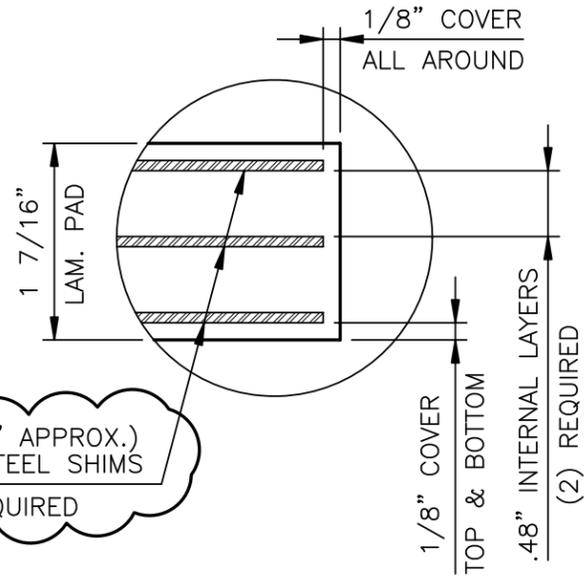
- (18) REQUIRED AT ABUT. NO.1
- (18) REQUIRED AT ABUT. NO.2
- (36) REQUIRED

**14Ga SHIMS ARE ACCEPTABLE**

**APPROVER NOTE:**  
1/16" THICK SHIMS ARE NOT AVAILABLE. PLEASE VERIFY THAT 14Ga (.071" APPROX.) THICK SHIMS ARE ACCEPTABLE.

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

**THIS BEARING THICKNESS IS CORRECT**



**DETAIL 1**

LAMINATED BEARING PAD  
1 7/16" X 12" X 10"  
50 DUROMETER GRADE 4 NATURAL RUBBER  
(36) REQUIRED FOR STRUCTURE

**TEST PAD**

LAMINATED BEARING PAD  
1 7/16" X 12" X 10"  
50 DUROMETER GRADE 4 NATURAL RUBBER  
(2) REQUIRED FOR TESTING

MAX. REACTION/BEAM	
DEAD LOAD =	16 kips
LIVE LOAD =	19 kips

**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.  
STEEL LAMINAE: ASTM A1011 GRADE 50 OR EQ.
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**

CK'D BY M. UMBERGER OK'D BY C. CARLSON

June 9, 2014

RESUBMIT NO Approved  
BY C. CARLSON DATE 06/24/2014

STATE OF VERMONT  
AGENCY OF TRANSPORTATION  
BRIDGE NO.14  
ROUTE NO: TH 13 (FOREST STREET)  
OVER MOON BROOK  
ITEM NO. 531.17  
CITY OF RUTLAND

STATE	COUNTY	CONTROL NO.
VT	RUTLAND	N/A

PROJ. NO.: BRF 3000 (18)

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

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

SCALE: NONE	DRAWN BY: RO	CHECKED BY: SL
	DATE: 5/22/14	DATE: 6/5/14

SHEET 1 OF 1 **JOB NO.: 12541**

REV.	DESCRIPTION	BY	DATE	CK'D	DATE	CUSTOMER:	DRAWING NUMBER	REV.
						THE BELDEN COMPANY	12541-D1	0