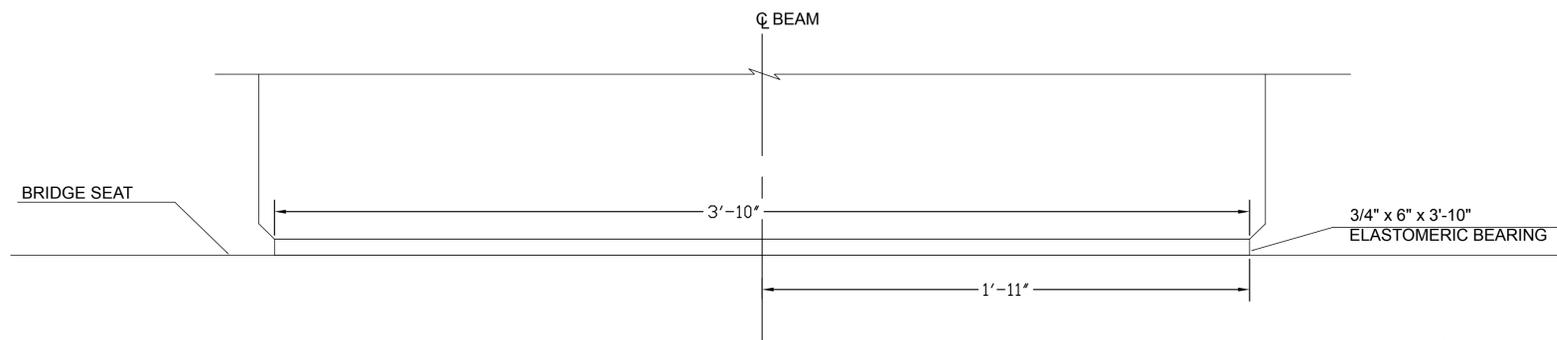
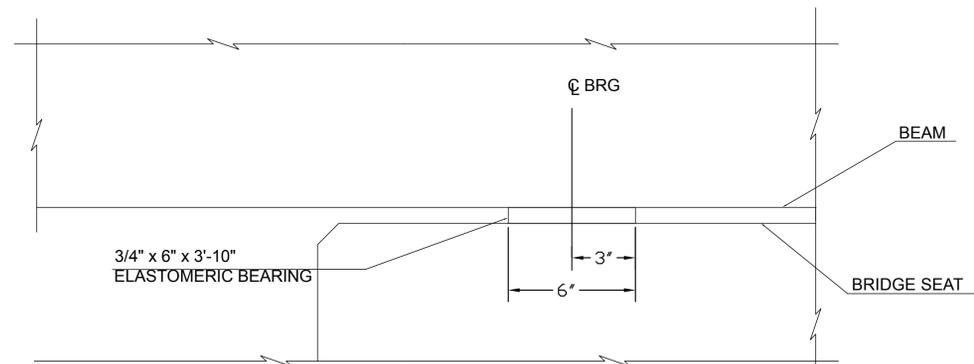


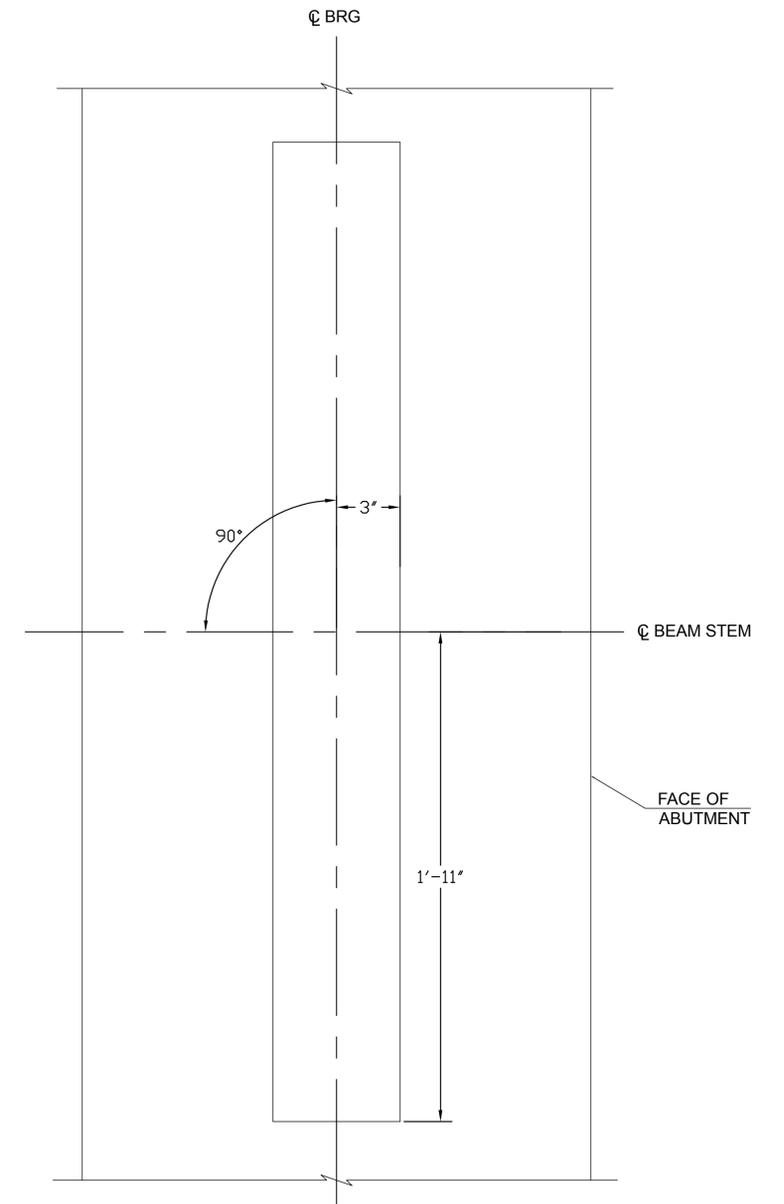
ELASTOMERIC BEARING DETAIL
SCALE 3" = 1'-0"



FRONT ELEVATION
SCALE 3" = 1'-0"



SIDE ELEVATION
SCALE 3" = 1'-0"



PLAN
SCALE 3" = 1'-0"

Vermont Agency of Transportation

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ON: **June 10, 2015**

and Checked for

CONFORMANCE

BY: **D. PETERSON** DATE: **06/12/2015**

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BEARING NOTES

1. BEARINGS SHALL CONFORM TO THE APPLICABLE SUBSECTIONS OF SECTIONS 531 AND 731.
2. THE ELASTOMER SHALL BE GRADE 60 SHORE A DUROMETER.
3. THE ELASTOMER SHALL MEET THE REQUIREMENTS OF LOW TEMPERATURE ZONE D, GRADE 4.
4. THE INSTALLER IS ADVISED TO HAVE A MINIMUM OF 18 - 1/4" x 6" x 3'-10" GALVANIZED STEEL SHIMS AVAILABLE FOR USE FOR ELEVATION ADJUSTMENTS UPON THE SETTING OF THE SUPERSTRUCTURE UNITS. THE SHIMS SHALL BE FABRICATED ACCORDING TO SECTION 531 AND SHALL BE INCLUDED UNDER ITEM 531.16, "BEARING DEVICE ASSEMBLY, PLAIN ELASTOMERIC PAD".

SHEET NAME:		BRIDGE BEARINGS	
PROJECT NAME:		ANDOVER	
PROJECT NO:		BHF 016-1 (29)	
DRAWN BY:	CHK'D BY:	DATE:	
CE		06/08/2015	
SHEET NO.			
			4
OF			
			4

REV. NO.	DATE:

RENAUD BROS. INC.
283 FT. BRIDGEMAN RD. VERNON VT. 05554
PH. (802) 251-7585 FAX (802) 251-7508

Neoprene Bearing Pads

Garlock Neoprene Bearing Pads provide a uniform transfer of load from beam to substructure. They permit beam rotation at the bearing point due to deflection or misalignment. They absorb vibration and prevent sound transfer, while reducing the destructive action of vibration between movable and stationary structural members. They also provide for movement caused by normal expansion and contraction.

Neoprene Bearing Pads are used extensively in bridge structures and prestressed and precast concrete buildings. Also used in industrial machinery and heavy equipment applications. Three styles are available:

Style 256

Stocked in a 48" (1219 mm) width and is made from a high quality neoprene. Durometer is 45-55 and its minimum ultimate elongation is 400%. CUT SLABS ARE STOCKED AND AVAILABLE.

Style 266

Stocked in a 48" (1219 mm) width and is made from a high-quality neoprene. Durometer is 55-65 and its minimum ultimate elongation is 350%. CUT SLABS ARE STOCKED AND AVAILABLE.

Style 276

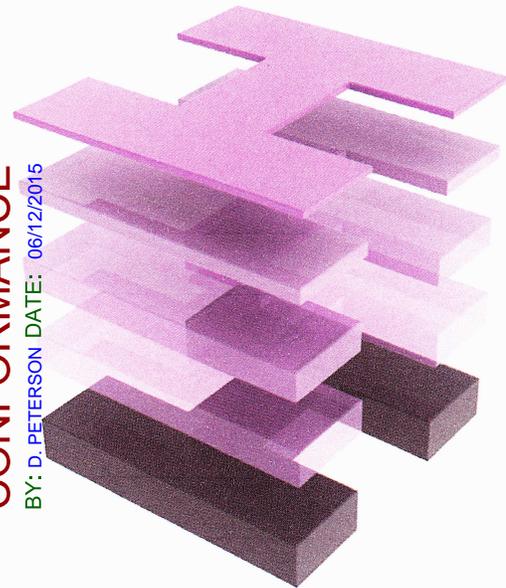
Stocked in a 48" (1219 mm) width and is made from a high quality neoprene. Durometer is 65-75 and its minimum ultimate elongation is 300%. CUT SLABS ARE STOCKED AND AVAILABLE.

Additional made-to-order bearing pads available:

- Natural rubber bearing pad material for colder climates
- Caltrans material for the State of California to meet section 51, item 51 1.12H(1)

Meets AASHTO Standard Specifications for Highway Bridges, 17th Edition 2002, Division II Construction, Section 18 Bearings, Grade 2, and AASHTO Standard Specifications for Transportation Materials and Methods of Sampling and Testing, 22nd Edition, 2002, Part 1A - Specifications, M251 -97 - Plain and Laminated Elastomeric Bridge Bearings.

NOTE: Some states specify requirements other than standard AASHTO specifications. When ordering, identify all requirements or submit individual state specification.



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Product	Elastomer	Color	Durometer (Shore A)	Typical Tensile* (minimum) psi (bar)	Finish	Ultimate Elongation (% min)	Approx. Wt. Lbs/Yd ² [kg/m ²] 1/16" [1.6mm]	Width* Inches (mm)	Stock Gauge* Inches (mm)	Temperature Range
Style 256	Neoprene	Black	45-55	2,600 (2,250) 179 (155)	Smooth	400	†	48 (1219)	1/8, 1/4, 1/2, 3/4, 1 (3.2, 6.4, 12.7, 19.1, 25.4)	-40°F to +200°F (-40°C to +93°C)
Style 266	Neoprene	Black	55-65	2,800 (2,250) 193 (155)	Smooth	350	†	48 (1219)	1/8, 1/4, 1/2, 3/4, 1 (3.2, 6.4, 12.7, 19.1, 25.4)	-40°F to +200°F (-40°C to +93°C)
Style 276	Neoprene	Black	65-75	3,000 (2,250) 207 (155)	Smooth	300	†	48 (1219)	1/8, 1/4, 1/2, 3/4, 1 (3.2, 6.4, 12.7, 19.1, 25.4)	-40°F to +200°F (-40°C to +93°C)

* Refer to "Sheet Rubber Tolerances", page 26

† Call Customer Service 800.643.0134