



*The Seventeenth Annual **BRIMS** Regional*
BRIDGE BUILDING CHAMPIONSHIPS
*Sponsored by **Scott & Murphy, Inc. and Stupp Bridge Company***
*March 10, 2012 at **Stupp Bridge Company***

HIGH SCHOOL Checklist

(This list is identical to the Certification Form that will be used March 10)

- _____ Constructed of **3/32" square basswood and not stained, painted or coated**
- _____ Mass **not greater than 25.00 g**
- _____ Length at base of bridge **capable of spanning 300 mm**
- _____ Maximum length of bridge **not greater than 400 mm**
- _____ Maximum width of bridge **not greater than 80 mm and no narrower than 25 mm at the loading surface**
- _____ Maximum height of bridge **not greater than 200 mm**
- _____ Minimum clearance of **50 mm above support surface at mid-span**

- _____ Horizontal roadbed (containing loading positions) **no more than 100 mm above the support surfaces**
- _____ **Three loading positions 45 mm left of center of span, 25 mm right of center of span, and at center of span that allow a 9.53 mm (3/8 inch) diameter loading rod to be mounted from below**
- _____ Loading plate 35 mm x 35 mm able to be placed horizontally **from above at each loading position.**
- _____ Roadbed **continuous, horizontal, with minimum length of 250 mm which allows a ping-pong ball to roll freely from end to end without falling off or through**
- _____ Bridge **does not extend below the support surface**