

**KANSAS DEPARTMENT OF TRANSPORTATION  
SPECIAL PROVISION TO THE  
STANDARD SPECIFICATIONS, EDITION 2007**

**SECTION 1605**

**REINFORCING STEEL SPLICES**

**Page 1600-11. Delete subsections 1605.2 and 1605.3 and replace with the following:**

**1605.2 REQUIREMENTS**

When tested in tension, develop all splices to at least 125% of the minimum yield strength specified for the bars being spliced.

After loading in tension to 30 ksi then relaxing to 3 ksi, the total slip of the bar within the splice sleeve shall not exceed 0.01 inch for #14 bars and smaller, and 0.03 inch for #18 size bars. Displacements will be measured between gage points clear of the splice sleeve.

For those splicing systems to be prequalified in the "fatigue resistant" group, provide splices capable of withstanding a load range of 12 ksi (3 ksi to 15 ksi, tension) for a minimum of 1,000,000 cycles.

Prepare and mount splices on bars in a fabricator's shop for shipment to the project that meet **SECTION 1601** including prequalified plant status.

**1605.3 TEST METHODS**

Splicing devices or systems will be tension tested according to the procedures of AASHTO M 31, "Deformed and Plain Carbon Steel Bars for Concrete Reinforcement" and slip tested according to **subsection 1605.2**.

09-12-08 M&R (CFN)  
Jan-09 Letting