

**OKLAHOMA DEPARTMENT OF TRANSPORTATION  
SPECIAL PROVISIONS  
FOR  
LONGITUDINAL JOINT DENSITY ON ASPHALT CONCRETE PAVEMENT**

These Special Provisions revise, amend, and where in conflict, supersede applicable sections of the 2009 Standard Specifications for Highway Construction, English and Metric.

**411.04 CONSTRUCTION METHODS**

**J. Joints** (*Add the following:*)

**(1) Longitudinal Joint Density**

For each lot, or subplot at locations where roadway density tests are to be taken, perform a joint density evaluation at each pavement edge that is or will become a longitudinal joint. Determine the joint density in accordance with OHD L-14, Appendix B. The joint density is considered failing if the density at the joint is more than 3.0 pcf below the density at the random sample location at the same station and the measured (by core or correlation) joint density is less than 90%.

Investigate joint density failures and take corrective actions during production and placement to improve the joint density. Suspend production if two (2) consecutive evaluations fail unless otherwise approved. Resume production after the Engineer approves changes to production or placement methods.