

Oklahoma Department of Transportation

Clarification of Asphalt Compaction Procedures
Construction Control Directive No. **19900219**

March 31, 2022

Scope: To clarify Section 411.04 of the Standard Specifications concerning asphalt compaction temperatures and equipment.

Asphalt Compaction Temperature

Section 411.04 of the 2009 and 2019 Standard Specifications identifies the minimum temperature of the asphalt mat that must be maintained behind the lay-down machine to achieve adequate compaction. IT IS NOT THE INTENTION of this specification that the contractor be ordered off the asphalt mat if the temperature arrives at this minimum temperature and density is still not obtained. Rolling should continue until density IS obtained. However, this condition is an indicator that the compaction effort is in need of an adjustment such as increasing mix temperature, adding more rollers, moving the rollers nearer the lay-down machine, slowing the plant production rate or other correction which will allow compaction to keep up with placement.

When the correction required CANNOT be accomplished immediately, such as adding more rollers, the operation is to be suspended as soon as possible and not resumed until the proper adjustments have been made.



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