

CDOT 401.17 Compaction.

The longitudinal joints shall be compacted to a target density of 92 percent of the maximum specific gravity. The tolerance shall be ± 4 percent. Maximum specific gravity will be that shown on the Form 43 for the asphalt mix used in construction of the joint. If two Forms 43 apply to the joint material, the average of the maximum specific gravities shown on the Forms 43 will be used. Density (percent relative compaction) will be determined in accordance with Colorado Procedure 44.

The Contractor shall obtain one 6 inch diameter core at a random location within each longitudinal joint sampling section for determination of the joint density. The Contractor shall drill the cores at the location directed by the Engineer and in the presence of the Engineer. The Engineer will take possession of the cores for testing. The Contractor may take additional cores at the expense of the Contractor. Coring locations shall be centered on the line where the joint between the two adjacent lifts abut at the surface. Core holes shall be repaired by the Contractor using materials and methods approved by the Engineer.

Incentive or disincentive payment determined for joint density in accordance with subsection 105.05 will apply to the HMA on each side of the joint. If a layer of pavement has joints constructed on both sides, incentive or disincentive payment for each of those joints will apply to one half of the pavement between joints.