



Highway Factors Attachment – TDOT safety edge roadway design guidelines

Decatur, TN

HWY21FH001

(2 pages)

On projects having 2,000 Tons or more of cold planed material, it shall be paid for by the Ton. This shall be calculated using 105 Lb./S.Y/Inch of estimated depth to be cold planed, converted to Tons.

This shall be measured and paid for under Item No. 415-01.01, Cold Planing of Bituminous Pavement per Ton.

On projects where the required depth of cold planing is known and the quantity is less than 2,000 Tons, it may be paid for by the square yard. The Regional Construction Office shall be consulted prior to using this unit of measure. Depth of Cold Planing must be specified on the plans.

This shall be measured and paid for under Item No. 415-01.02 Cold Planing of Bituminous Pavement per Square Yard.

On projects having less than 2,000 Tons of cold planed material, and where no scales are readily available (check with the Regional Construction Office), and the required depth is not known, it shall be paid for by the cubic yard.

This shall be measured and paid for under Item No. 415-01.03, Cold Planing of Bituminous Pavement per Cubic Yard.

4-416.00 SAFETY EDGE

A safety edge is a sloped (25 to 30 degree) asphalt edge that more easily allows vehicles that have run off the road to regain the roadway than a standard vertical face.

On all new construction projects involving asphalt paving without curbs, a safety edge will be applied to the edge of all layers of mix.

For resurfacing projects, a safety edge will be applied only when identified on the Resurfacing Safety Review Checklist completed by the Regional Resurfacing Coordinator. If the total existing drop off and any additional elevation difference from paving operations results in a drop off exceeding 1.75", a safety edge should be used.

Pavement General Note 3 (Section 6-150.00) shall be added to the plans on all projects that specify safety edge.