

**Section 39-1.30. Use for HMA pavement.**

**Replace section 39-1.30 with:**

**39-1.30 EDGE TREATMENT, HOT MIX ASPHALT PAVEMENT**

**39-1.30A General**

Section 39-1.30 includes specifications for constructing the edges of HMA pavement as shown.

**39-1.30B Materials**

For the safety edge, use the same type of HMA used for the adjacent lane or shoulder.

**39-1.30C Construction**

The edge of roadway where the safety edge treatment is to be placed must have a solid base, free of debris such as loose material, grass, weeds, or mud. Grade areas to receive the safety edge as required.

The safety edge treatment must be placed monolithic with the adjacent lane or shoulder and shaped and compacted with a device attached to the paver.

The device must be capable of shaping and compacting HMA to the required cross section as shown. Compaction must be by constraining the HMA to reduce the cross sectional area by 10 to 15 percent. The device must produce a uniform surface texture without tearing, shoving, or gouging and must not leave marks such as ridges and indentations. The device must be capable of transition to cross roads, driveways, and obstructions.

For safety edge treatment, the angle of the slope must not deviate by more than  $\pm 5$  degrees from the angle shown. Measure the angle from the plane of the adjacent finished pavement surface.

If paving is done in multiple lifts, the safety edge treatment can be placed either with each lift or with the final lift.

Short sections of hand work are allowed to construct transitions for safety edge treatment.

For more information on the safety edge treatment, go to:

[http://safety.fhwa.dot.gov/roadway\\_dept/pavement/safedge/](http://safety.fhwa.dot.gov/roadway_dept/pavement/safedge/)

You can find a list of commercially available devices at the above Web site under "Frequently Asked Questions" and "Construction Questions."

**39-1.30D Payment**

Not Used

**Section 40-1. Use for concrete pavement shoulders.**

**Replace "Reserved" in section 40-1.03L(1):**

Construct edge treatments as shown. This work includes grading when required for the preparation of safety edge areas.

Sections 40-1.03L(2) and 40-1.03L(3) do not apply to safety edges.

For safety edges placed after the concrete pavement is complete, concrete may comply with the requirements for minor concrete.

For safety edges placed after the concrete pavement is complete, install connecting bar reinforcement under section 52.

Saw cutting or grinding may be used to construct safety edges.

For safety edges, the angle of the slope must not deviate by more than  $\pm 5$  degrees from the angle shown. Measure the angle from the plane of the adjacent finished pavement surface.