

**STATE**

**OF**

**TENNESSEE**

April 4, 2011

January 1, 2021

**SPECIAL PROVISION**

**REGARDING**

**ASPHALT PAVEMENT SAFETY EDGE**

**Description**

The contractor shall attach a device to the screed of the paver such that material is confined at the end gate and extrudes the asphalt material in such a way that results in a consolidated wedge-shape pavement edge of approximately 25 to 30 degrees as it leaves the paver (measured from a line parallel to the pavement surface). The device shall maintain contact to the graded material adjacent to the pavement and must be adjustable to allow for transition to cross roads, driveways and obstructions without requiring the paver to be stopped routinely. The device shall constrain the asphalt head and increase the density of the extruded profile. To achieve desired results, rolling is not required on the wedge. The desired pavement edge angle is 30 degrees but angles as steep as 38 degrees are acceptable after the mat has been rolled for compaction.

The contractor shall use the TransTech Shoulder Wedge Maker, the Advant-Edge Edger or Ramp Champ, Carlson's Safety Edge Endgate or an equivalent device that produces the same wedge consolidation results. If the contractor uses a similar device, he must provide proof that his device has been used on previous projects with acceptable results (proof shall consist of, at a minimum, approval and endorsement of another State D.O.T. or FHWA Division). Short sections of handwork will be allowed when necessary for transitions and turnouts or otherwise authorized by the engineer. Conventional single plate strike off devices will not be allowed.

No direct payment will be made for the Safety Edge and all cost of furnishing and/or operation of this device will be included in other items.

Contact information for these wedge shape compaction devices is as follows:

1. **TransTech Systems, Inc.**  
1594 State Street  
Schenectady, NY 12304  
1-800-724-6306  
<http://www.transtechsys.com>
  
2. **Advant-Edge Paving Equipment LLC**  
33 Old Niskayuna Road  
Loudonville, NY 12211  
Ph. 814-422-3343  
<http://www.advantedgepaving.com>

3. **Carlson Paving Products, Inc.**  
18425 50th Ave E, Tacoma WA 98446  
Phone (253) 875-8000 | Toll Free 1-800-216-2108 | General Fax# (253) 846-2703  
<http://www.carlsonpavingproducts.com>