

**KANSAS DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION TO THE
STANDARD SPECIFICATIONS, 1990 EDITION**

NOTE: This special provision is generally written in the imperative mood. The subject, "the *Contractor*" is implied. Also implied in this language are "shall", "shall be", or similar words and phrases. The word "will" generally pertains to decisions or actions of the Kansas Department of Transportation.

Create a new Section in Division 800.

DIVISION 800

RUMBLE STRIPS (MILLED)

1.0 DESCRIPTION.

Construct rumble strips in the existing paved shoulders by milling concave depressions into the shoulder surfaces.

BID ITEM	UNIT
Rumble Strips (Milled) (*)	Station (kilometer)
*Asphalt or Concrete	

2.0 MATERIALS. - none specified.

3.0 CONSTRUCTION REQUIREMENTS.

Use equipment capable of milling the concave depressions to the dimensions shown in the Contract Documents. Use equipment with the milling head suspended independently from the machine. The milling head must self-align (parallel to the shoulder surface) with the surface of the paved shoulder regardless of the shoulder slope. Use equipment that produces a smooth cut. The concave depression milled into the paved shoulders must have a relatively smooth surface, with no more than $\frac{1}{8}$ inch (3 mm) between peaks and valleys.

Before beginning work on the project, demonstrate, to the Engineer, the ability to achieve the specified rumble strip depressions with regard to dimensions, alignment, smoothness, and consistency. Construct a test strip approximately 75 feet (25 m) longitudinally, at a site mutually agreed upon between the Engineer and Contractor, to demonstrate conformance with the specifications.

Clean the shoulders before constructing the rumble strips. Mill the concave depression to the dimension shown in the Contract Documents. Align the concave depressions as shown in the Contract Documents.

After the concave depressions are milled into the shoulder surface, use a power broom or sweeper/vacuum to collect the waste material resulting from the milling operations. Unless

specified otherwise in the Contract Documents, the waste material may be spread uniformly just off the edge of the paved shoulder.

4.0 MEASUREMENT AND PAYMENT.

The Engineer will measure the completed and accepted rumble strips by the station (kilometer) (to the nearest 0.1 sta.(0.1 km)) for each shoulder. The Engineer will measure longitudinally along the edge of the pavement, with exceptions for bridge decks, acceleration/deceleration lanes, and other sections where rumble strips are not constructed.

Payment for "Rumble Strips" at the Contract unit price is full compensation for the specified work.

08-12-03 C&M (DMT)