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| Use on projects as necessary. |

## Section 633. — PERMANENT TRAFFIC CONTROL

**Construction Requirements**

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| If there is the potential for sign panels to be buried in snow, include the following: |

**633.05 Sign Panels.** Add the following:

For all permanent sign panels, uniformly apply a 2-inch (50 millimeters) wide protective overlay film to the upper edge(s) of the sign and wrap over the front and back of the sign panel equally. Apply the film using methods recommended by the manufacturer. Film must be manufactured expressly for use as a protective overlay film for outdoor traffic signs.

Film must be applied during manufacture of signs; field installation is not permitted.

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| Use on all projects with rumble strips. |

**633.06 Delineators and Object Markers.** Add the following:

**633.06A Shoulder Rumble Strips, Edge Line Rumble Stripes, and Centerline Rumble Strips/Stripes.** This work consists of constructing shoulder and centerline rumble strips/stripes and edge line rumble stripes by milling indentations into the asphalt concrete surface as shown in the plans.

**(a)** Furnish equipment capable of milling concave indentations with a vacuum attachment to remove the residue from the roadway.

**(b)** Do not construct rumble strips on structures or approach slabs.

**(c)** Construct rumble strips within 2 inches (50 mm) of the specified alignment. Indentations must comply with the specified dimensions within 1/8 inch (3 mm) in depth, ¼ inch (5 mm) in length, and ¼ inch (5 mm) in width.

**(d)** The removed material becomes the property of the Contractor and is to be removed from the project and disposed of in a manner complying with local regulations.

**(e)** Apply a fog seal on rumble strips complying with Section 406.

**(f)** Apply pavement markings after rumble strips are installed according to the plans.

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| Use on all projects with rumble strips. |

**633.08 Acceptance.** Add the following:

Rumble strips will be evaluated under Subsection 106.02.

**Measurement**

**633.09** Add the following:

When rumble strips are measured by the linear foot (m) or mile (km), measure the length of rumble strip constructed parallel to the roadway centerline as shown in the plans.