Regional Engineers

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Special Provision for Temporary Rumble Strip

January 10, 2025

This special provision was developed by the Bureau of Safety Programs and Engineering to allow additional types of temporary rumble strips (e.g. built-up pavement marking tape and manufactured temporary rumble strip products.)

This special provision should be inserted into contracts with TEMPORARY RUMBLE STRIPS.

Designer Note: The temporary rumble strip layout shall be as shown in the typical installation found on Highway Standard 701901 (Sheet 3). Location and number of temporary rumbles strip sets should be included in the plans and schedule of quantities.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the April 25, 2025 and subsequent lettings. The Project Coordination and Implementation Section will include a copy in the contract.

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# TEMPORARY RUMBLE STRIPS (bde)

Effective: April 1, 2025

Revise Article 701.15(k) of the Standard Specifications to read:

“ (k) Temporary Rumble Strips. Temporary rumble strips provide an audible and tactile warning to alert motorists of an approaching work zone or change in driving pattern or highway condition. The number and spacing of temporary rumble strips installed per set shall be as shown in Standard 701901. Temporary rumble strips shall be applied to the pavement according to the manufacturer’s recommendations.

Breakage or significant permanent deformation of the strip shall constitute failure. Compaction or slipping of material that reduces the effectiveness of the audible or vibration warnings shall constitute failure.

Upon completion of the project, or as directed by the Engineer, temporary rumble strips shall be entirely removed using a method that does not permanently damage the pavement surface.”

Revise Article 701.19(e) of the Standard Specifications to read:

“ (e) Temporary rumble strips will be measured as each, where each is defined as a set of six temporary rumble strips across a single lane of pavement, and each set of temporary rumble strips will be measured for payment once per location.”

Revise Article 1106.03 of the Standard Specifications to read:

“ **1106.03** **Temporary Rumble Strips.** Temporary rumble strips shall be black or white. Temporary rumble strips shall be constructed of a flexible, pliant, impact-resistant material capable of supporting a load of 6000 lb (2700 kg). Temporary rumble strips shall be 1/4 in. (6 mm) to 1 in. (25 mm) thick and 4 in. (100 mm) to 6 in. (150 mm) wide. Temporary rumble strips shall be weather resistant and, through normal traffic wear, show no appreciable fading, lifting, tearing, rollback, or other signs of poor adhesion.”

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