1	Make the following Section a part of the Standard Specifications:		
2 3	"SECTION 615 - MILLED RUMBLE STRIPS		
4	SECTION 615 - WILLED ROWIDLE STRIPS		
5 6 7	<b>615.01 Description.</b> This section describes constructing centerline, shoulder, and edgeline Milled Rumble Strips (MRS) in HMA pavement.		
8 9	615.02 Materials. None.		
10	615.03 Construction.		
11 12 13 14 15	(A) Submittal. Method of constructing the milled rumble strip shall be submitted to the Engineer for acceptance. Meeting shall be scheduled 14 days before start of construction work. Discuss sequence of work plans, and proposal for dust control.		
16 17 18 19 20 21	<b>(B) Equipment.</b> Milling equipment shall be equipped with a rotary-type cutting head with cutting tips arranged in a pattern as to provide a relatively smooth cut, approximately 1/16 inches between peaks and valleys.		
21 22 23 24 25	The cutting head(s) shall be on a suspension independent from the power unit to allow the head(s) to self-align with surface slopes and irregularities.		
26 27 28 29	The machine shall have a guidance system that provides consistent alignment of each cut in relation to the roadway and provide uniformity and consistency throughout the project.		
30 31 32	<b>(C)</b> Longitudinal Spacing. The Milled Rumble Strips (MRS) shall be placed perpendicular to the roadway with longitudinal spacing as follow:		
33 34	Centerline MRS: 20 inch on-center		
35	The 20 inch on-center longitudinal spacing for Centerline MRS is		
36 37 38 39	designed to accommodate various centerline pavement striping and raised pavement marker configurations. It will allow placement of raised pavement markers between the concave depressions.		
40 41 42 43	<b>(D) Milling Operations.</b> Clean pavement surface before constructing the rumble strips. Mill the concave depressions to the dimensions shown in the plans.		
44 45 46	Align the concave depressions as shown in the plans. Alignment of milled rumble strips shall not deviate from the plans more than $\pm$ 2 inches.		

47	After the concave depressions are milled	into the pavement	
48	surface, use a power broom or sweeper/vacuum to collect the waste		
49	material resulting from the milling operations. Seal the entire surface of		
50	milled rumble strips with emulsified asphalt. Refer to Section 407 - Tack		
51	Coat for material specification and application procedure.		
52			
53	Contractor shall dispose the waste material	as directed by the	
54	Engineer at no increase in contract price or contract time.		
55	·		
56	615.04 Measurement. The Engineer will be paid on a	a contract lump sum	
57	basis. Measurement for payment will not apply.	•	
58			
59	615.05 Payment. The Engineer will pay for the accepte	d milled rumble strip	
60	on a contract lump sum basis. Payment will be full compensation for the work		
61	prescribed in this section and the contract documents.		
62			
63	The Engineer will pay for the following pay item w	hen included in the	
64	proposal schedule:		
65			
66	Pay Item	Pay Unit	
67			
68	16-Inch Milled Rumble Strip, Centerline	Lump Sum"	
69	•	'	
70			
71			
72.			

**END OF SECTION 615** 

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