1 2	Make the following Section a part of the Standard Specifications:
3 4 5	"SECTION 615 - MILLED RUMBLE STRIP
6 7 8	<b>615.01 Description.</b> This section describes constructing Centerline, Shoulder, and Edgeline Milled Rumble Strips (MRS) in HMA pavement.
9	615.02 Materials. None.
10 11	615.03 Construction.
12 13 14 15 16 17	(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.
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.
22 23 24 25 26	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.
27 28 29 30	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.
31 32 33	<b>(C) Longitudinal Spacing.</b> The Milled Rumble Strips (MRS) shall be placed perpendicular to the roadway with longitudinal spacing as follow:
34 35 36 37	Centerline MRS: 20 inch on-center (milled across centerline) Shoulder MRS: 12 inch on-center Edgeline MRS: 12 inch on-center
38 39 40 41	The 20 inch on-center longitudinal spacing for Centerline MRS is designed to accommodate multiple centerline pavement striping and raised pavement marker configurations. It will allow placement of raised pavement markers between the milled concave depressions.
42 43 44 45	<b>(D) Milling Operations.</b> Clean pavement surface before constructing the rumble strips. Mill the concave depressions to the dimensions shown in the plans.

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47 48	Align the concave depressions as shown in the plans. Alignme of milled rumble strips shall not deviate from the plans more than ±	
49	inches.	. –
50		
51	After the concave depressions are milled into the pavement	ent
52	surface, use a power broom or sweeper/vacuum to collect the was	
53	material resulting from the milling operations.	
54		
55	Contractor shall dispose the waste material as directed by t	he
56	Engineer at no increase in contract price or contract time.	
57		
58	615.04 Measurement. The Engineer will measure the milled rumble strip	by
59	the linear foot for the width specified in the contract and in the proposal.	
60		
61	615.05 Payment. The Engineer will pay for the accepted quantities of mill	ed
62	rumble strip for the width specified at the contract unit price per linear for	oct
63	according to the contract complete in place.	
64		
65	The contract unit prices paid shall be full compensation for furnishing	
66	labors, materials, tools, equipment and incidentals and for doing the wo	
67	involved in furnishing and installing milled rumble strip complete in pla	се
68	according to the contract and ordered by the Engineer.	
69 70		
70	Payment will be full compensation for the work prescribed in this section of the	on
71	and the contract documents.	
72 72	The Engineer will now for the following new items	
73 74	The Engineer will pay for the following pay item:	
7 <del>4</del> 75	Pay Item Pay Unit	
76	ray item ray omit	
70 77	16-Inch Milled Rumble Strip, Centerline Linear Foo	ıt"
78	To mon Mined Ramble Strip, Sometime	
79		
80		
81		
82		
83		
84	END OF SECTION 615	

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