

e Table 2 within Rumble Strip Policy for Design Guidance

If 4" Markings will be used:

Rumble Dimensions: 14" typ.

Markings Dimensions: 4" Markings, 6" Gap

DOUBLE YELLOW CENTER LINE

TRAVEL LANES

7", 14", 13 1/4"

If 6" Markings will be used:

Rumble Dimensions: 18" typ.

Markings Dimensions: 6" Markings, 6" Gap

DOUBLE YELLOW CENTER LINE

TRAVEL LANES

7", 14", 13 1/4"

PAVEMENT SURFACE

14"

13 1/4"

3 1/2"

5 1/4"

7"

8 1/4"

10 1/2"

12 1/4"

14"

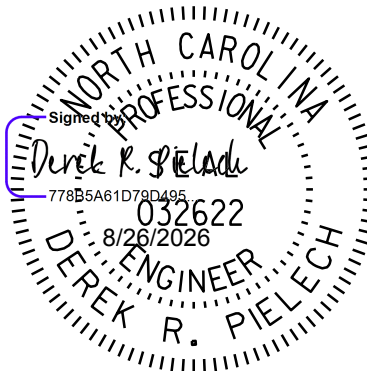
LOCATION	DEPTH	
	MIL	INCHES
a	62.5	1 1/16"
b	125	1 1/8"
c	219	3/32"
d	344	11/32"
e	375	3 1/8"

NOTES:

- 1) Specification in table taken from MNDOT Research Project Final Report 2016-23: *Sinusoidal Rumble Strip Design Optimization Study By: Terhaar et. al, June 2016*
- 2) USING A VACUUM, REMOVE ALL DEBRIS FROM THE MILLINGS JUST PRIOR TO PLACING ANY PAVEMENT MARKINGS.
- 3) ENSURE GLASS BEADS ARE SPREAD UNIFORMLY OVER THE ENTIRE SURFACE OF THE PAVEMENT MARKING MATERIAL.

ROADWAY DETAIL DRAWING FOR
RUMBLE STRIPS / STRIPES
SINUSOIDAL CENTERLINE RUMBLE STRIPE

SHEET 6 OF 9



**CONTRACTS STANDARDS
AND DEVELOPMENT UNIT**
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ORIGINAL BY: C. SIMPSON DATE: 04-24-2025
 MODIFIED BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____
 FILE SPEC.: _____