■ Installation specification for centerline (single-yellow) ■
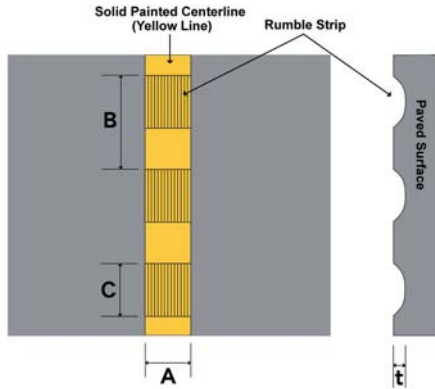

Table 3-2:　　Rumble Strip Dimensions

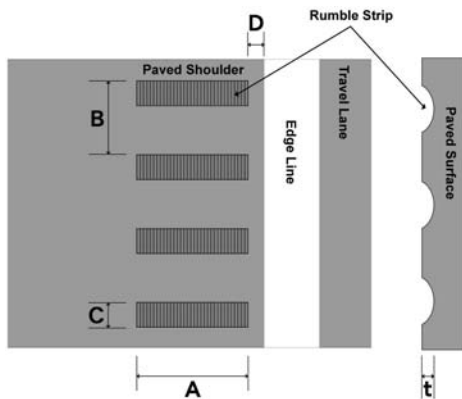| Parameter	Specification (mm)	Tolerance (mm)	Measurement method
Transverse width A	150	±10	Avg. of width at groove leading edge and width at groove trailing edge
Milling pitch B	300	±30	Avg. of interval between grooves at left side of groove and right side of groove
Longitudinal width	170	±30	Avg. of longitudinal length at left side of groove and right side of groove
Depth t	15	±4	Avg. of groove depth at left longitudinal midpoint and right longitudinal midpoint

■ Installation specification for road shoulders ■

Table 3.3:　　Rumble Strip Dimensions

Parameter	Specification	Tolerance (mm)	Measurement Method
Transverse width A	350	±10	Avg. of width at groove leading edge and width at groove trailing edge
Milling pitch B	230	±30	Avg. of interval between grooves at left side of groove and right side of groove
Longitudinal width	80	±30	Avg. of longitudinal length at left side of groove and right side of groove
Depth t	9	±4	Avg. of groove depth at left longitudinal midpoint and right longitudinal midpoint
Distance from edge line D	50	±30	—

■ Items Common to All Specifications ■

Control standard

Pass/Fail shall be determined as follows:

    Sampling standard: If length of installation is 400 m or greater, then 10 consecutive rumble strips are inspected for every 200 m of road. If length of installation is less than 400 m, then 2 sections of 10 consecutive rumble strips are inspected.

    Pass/Fail standard: At least 90% of measurements fall within the tolerance.

Photographic records of installed rumble strips

Finished rumble strips shall be photographed as follows:

Table 3-4:　　Photographic control of installed rumble strips

Photographic Control Parameter		
Photograph Item	Frequency of Photographing	Number Required
Transverse width A	One photo per 600 m, or one per location (after installation)	One representative photo per location (1 photo each)
Milling pitch B		
Longitudinal width C		
Depth t		
Distance from edge line D		