

**OUTSIDE SHOULDER RUMBLE STRIP APPLICATION**

ROADWAY TYPE * SEE NOTES BELOW	OFFSET FROM PAVEMENT MARKING TO RUMBLE STRIP	RUMBLE STRIP WIDTH	OFFSET FROM RUMBLE STRIP TO EDGE OF SHOULDER/PAVEMENT	RUMBLE STRIP LENGTH	RUMBLE STRIP DEPTH	OFFSET FROM PAVEMENT JOINT TO PAVEMENT MARKING	MINIMUM SHOULDER PAVEMENT WIDTH
	A	B	C	D	E	F	
INTERSTATES OR EXPRESSWAYS * (POSTED SPEED 40 MPH OR GREATER)	6" MIN. 12" MAX.	12" MIN. 16" STD.	6" ABSOLUTE MIN. 12" PREF. MIN.	7"	1/2" MIN. 5/8" MAX.	1" MIN. 2" STD.	25"
ALL OTHER HIGHWAYS * (POSTED SPEED 40 MPH OR GREATER)	6" MIN. 12" MAX.	6" MIN. 12" STD.	<b>48" MIN. REQUIRED</b>	5" MIN. 7" STD.	3/8" MIN. FOR 5" LENGTH 1/2" MIN. - 5/8" MAX. FOR 7" LENGTH	1" MIN. 2" STD.	61"

**INSIDE SHOULDER RUMBLE STRIP APPLICATION**


ROADWAY TYPE * SEE NOTES BELOW	OFFSET FROM PAVEMENT JOINT TO RUMBLE STRIP	RUMBLE STRIP WIDTH	OFFSET FROM RUMBLE STRIP TO EDGE OF SHOULDER/PAVEMENT	RUMBLE STRIP LENGTH	RUMBLE STRIP DEPTH	OFFSET FROM PAVEMENT JOINT TO PAVEMENT MARKING	MINIMUM SHOULDER PAVEMENT WIDTH
	A	B	C	D	E	F	
INTERSTATES OR EXPRESSWAYS * (POSTED SPEED 40 MPH OR GREATER)	6" MIN. 12" MAX.	12" MIN. 16" STD.	6" ABSOLUTE MIN. 12" PREF. MIN.	7"	1/2" MIN. 5/8" MAX.	1" MIN. 2" STD.	30"
ALL OTHER HIGHWAYS * (POSTED SPEED 40 MPH OR GREATER)	6" MIN. 12" MAX.	6" MIN. 12" STD.	6" ABSOLUTE MIN. 12" PREF. MIN.	5" MIN. 7" STD.	3/8" MIN. FOR 5" LENGTH 1/2" MIN. - 5/8" MAX. FOR 7" LENGTH	1" MIN. 2" STD.	24"

**RUMBLE STRIPE APPLICATION**

ROADWAY TYPE * SEE NOTES BELOW	OFFSET FROM PAVEMENT JOINT TO RUMBLE STRIP	RUMBLE STRIP WIDTH	RUMBLE STRIP LENGTH	RUMBLE STRIP DEPTH	PAVEMENT MARKING WIDTH	MINIMUM EFFECTIVE LANE WIDTH
	A	B	D	E	G	
INTERSTATES OR EXPRESSWAYS * (POSTED SPEED 40 MPH OR GREATER)	6" STD.	6" FOR MARKINGS 12" FOR 10" MARKINGS	7"	1/2" MIN. 5/8" MAX.	TYPICALLY 5" OR 10"	<b>9'-4" MIN. REQUIRED</b>
ALL OTHER HIGHWAYS * (POSTED SPEED 40 MPH OR GREATER)	6" STD.	6" FOR MARKINGS 12" FOR 10" MARKINGS	5" MIN. 7" STD.	3/8" MIN. FOR 5" LENGTH 1/2" MIN. - 5/8" MAX. FOR 7" LENGTH	TYPICALLY 5" OR 10"	<b>9'-4" MIN. REQUIRED</b>

**NOTES**

- BICYCLES ARE ASSUMED TO BE PROHIBITED FROM ALL INTERSTATE AND EXPRESSWAYS AS PER MD VEHICLE LAW.
- IF BICYCLES ARE PERMITTED ON SEGMENTS OF INTERSTATES AND EXPRESSWAYS, REGARDLESS OF POSTED SPEED, RUMBLE STRIPS SHALL BE INSTALLED AS PER THE 'ALL OTHER HIGHWAYS' REQUIREMENTS.

SPECIFICATION <b>610</b>	CATEGORY CODE ITEMS
APPROVED	<i>[Signature]</i> DIRECTOR - OFFICE OF HIGHWAY DEVELOPMENT
	APPROVAL • SHA REVISIONS
	APPROVAL • FEDERAL HIGHWAY ADMINISTRATION
	APPROVAL 5-23-17
	APPROVAL 3-24-17
REVISIONS	REVISIONS
REVISIONS	REVISIONS

**Maryland Department of Transportation**  
**STATE HIGHWAY ADMINISTRATION**  
 STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES  
**SHOULDER RUMBLE STRIP**  
**AND RUMBLE STRIPE**  
**DETAILS**

**STANDARD NO.**

**MD 670.05**