

Physical Features

These features are physical elements visible along the travelway.

FEATURE 210

ROADWAY AUDIBLE VIBRATORY TREATMENTS

Roadway Side	Allows Tie	LRS Package	Feature Type	Interlocking	Secured
C/R/L	No	No	Length	Yes	Yes
Responsible Party for Data Collection		District Planning			

Definition/Background: Longitudinal audible vibratory treatments (AVTs), or rumble strips, are frequently used to prevent or reduce lane departure incidents. Longitudinal AVTs are designed to alert distracted or sleepy drivers through sound and vibration. Valid AVT types include cylindrical ground-in AVTs, sinusoidal ground-in AVTs, and profiled thermoplastic.

RDAVTCFG | ROADWAY AVT CONFIGURATION


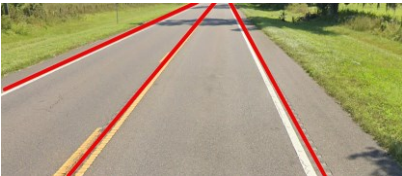
HPMS	MIRE	Who/What uses this Information	Required For	Offset Direction	Offset Distance
	47, 51, 59	Safety Offices, Roadway Design, Planning Offices	All on-system roadways	N/A	N/A

Definition/Background: This characteristic denotes the position of longitudinal audible and vibratory treatments (rumble strips) along the roadway. AVTs may be installed on the roadway centerline, in the edge stripe, on the shoulder, or in a combination of these configurations.

How to Gather this Data: For AVT installations, the beginning milepoint is recorded where the treatment begins, and the ending milepoint is recorded where the treatment ends. For a divided roadway, there will be two values, one for the left roadway side and one for the right roadway side. For a composite roadway, there will be one value.

AVTs shall be inventoried as they appear along the roadway. For RCI coding, rumble strips on the shoulder shall be coded continuously across gaps of 5’ on limited access roadways and across gaps of 12’6” on arterials and collectors. Rumble strips on the centerline shall be coded continuously across gaps of 2’. (FDOT Standard Plans, Index 546-010 & 546-020).

Codes	Descriptions	
01	Centerline only	

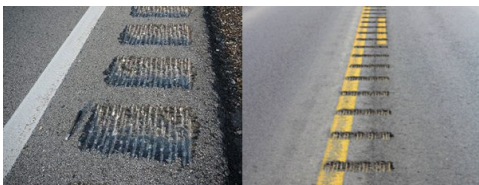


02	Edge stripe/shoulder only	
03	Center line and edge stripe/shoulder	

RDAVTYPE | ROADWAY AVT TYPE

HPMS	MIRE	Who/What uses this Information	Required For	Offset Direction	Offset Distance
	47, 51, 59	Safety Offices, Roadway Design, Planning Offices	All on-system roadways	N/A	N/A

Definition/Background: Type of longitudinal audible and vibratory treatments (rumble strips) present along the roadway.

How to Gather this Data: Record the type of AVT treatment present. Use code '04' – Combination where multiple types are present on the same roadway segment. For a divided roadway, there will be two values, one for the left roadway side and one for the right roadway side. For a composite roadway, there will be one value.

Codes	Descriptions	
01	Cylindrical	
02	Sinusoidal	
03	Profiled Thermoplastic	
04	Combination	<i>Multiple types present (01,02,03) on the same roadway segment.</i>