
Index 546-020

Ground-In Rumble Strips – Arterials and Collectors

ORIGINATION**Date:** 6/18/24**Name:** Shae Gibbs**Phone:** 414-4314**Email:** shae.gibbs@dot.state.fl.us**COMMENTARY**

This is a non-standard situation. Buffered Bike Lanes are generally used on roadways 45mph or less and rumble strips are intended for roadways 50mph or greater.

COMMENTS AND RESPONSES

BLACK = Industry Review Comments **BLUE** = Standard Plans Response **GREEN** = Change Made to Index

Name: Ed Barsotti**Date:** 8/4/24

COMMENT: On behalf of the Florida Bicycle Association, we plead with FDOT to hold off on any changes to 546-020, pending resolution of an issue with the FHWA.

RESPONSE: Thank you for your comment. After further discussions with FHWA, these changes related to paved shoulders and bike lane markings are not moving forward at this time. However, with this specific detail, it will be deleted as it is a non-standard situation. Buffered bike lanes are generally used on roadways 45 mph or less, and rumble strips are intended for roadways 50 mph or greater. The change to Standard Plans Index 711-001 in relation, will not move forward.

CHANGE MADE TO INDEX: No, but the Origination Form commentary was clarified

Response Date: 8/15/24

Name: Michael Drew**Date:** 8/6/24

COMMENT: My comment is not specifically related to the change. However, I recently had a resurfacing project with ground in rumble strips and the shoulders varied in width causing the rumble strips to be offset from the edge line and on the edge line - depending on the width of the shoulder at a given location. The typical sections didn't match some of the existing shoulder widths, so it was hard to determine where the ground in rumble strips were to be placed. This scenario wasn't detailed in the plans, specs, or standards and I feel there should be a note in the standards that informs the Department and Contractor what to do when there are variable width shoulders.

RESPONSE: Thanks for the suggestion. This is outside of the scope of this change but will be considered for future cycles. There may be a need to add direction to the SPI for situations with variable width shoulders. This information should be detailed in the Plans.

CHANGE MADE TO INDEX: No.

Response Date: 8/15/24

Origination Form

Proposed Revisions to a Standard Plans Index

Originator:	Gibbs, Shae	Index Number:	546-020
Date:	6/18/2024	Sheet Number(s):	2
E-mail:	Shae.Gibbs@dot.state.fl.us	Index Title:	Groud-In Rumble Strips - Arterials and Collectors

Summary of the changes:

Sheet 2: Deleted Outside Shoulder with Buffered Bike Lane detail

Commentary/Background:

This is a non standard situation. Buffered Bike Lanes are generally used on roadways 45mph or less and rumble strips are intended for roadways 50mph or greater.

Other Affected Documents/Offices	Person Contacted	Affected (Yes/No)
Other Standard Plans		No
FDOT Design Manual		No
Standard Specifications		No
Basis of Estimates Manual		No
Approved Product List		No
Construction Office		No
Maintenance Office		No

Implementation

["FY-Standard Plans (Next Release)"]