
ORIGINATION FORM

Proposed Revisions to a Standard Plans Index

(Please provide all information — Incomplete forms will be returned)

Contact Information:

Date: July 12, 2023

Originator: David Amato

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Email: david.amato@dot.state.fl.us

Standard Plans:

Index Number: 546-001

Sheet Number (s): 1 of 2

Index Title:
Raised Rumble Strip

Summary of the changes:

Removed the option for stacking multiple applications of preformed thermoplastic to achieve a height of 1/2 inch for Raised Rumble Strips.

Included a 6" offset from the end of rumble strip to lane lines.

Commentary / Background:

Stacking of multiple applications of preformed thermoplastic is not consistent with the products currently on the APL. There are no manufacturers or contractors requesting this construction method.

The 6" offset from rumble strip to lane line makes it clear that a rumble strip set is a per lane quantity. This clears up confusion over the payment quantities when there are rumble strip sets across multiple adjacent lanes.

Other Affected Offices / Documents: (Provide name of person contacted)



Yes	No	
☐	☒	Other Standard Plans –
☐	☒	FDOT Design Manual –
☐	☒	Basis of Estimates Manual –
☒	☐	Standard Specifications – Daniel Strickland
☐	☒	Approved Product List –
☐	☒	Construction –
☐	☒	Maintenance –

Origination Package Includes: (Submit package to Rick Jenkins)

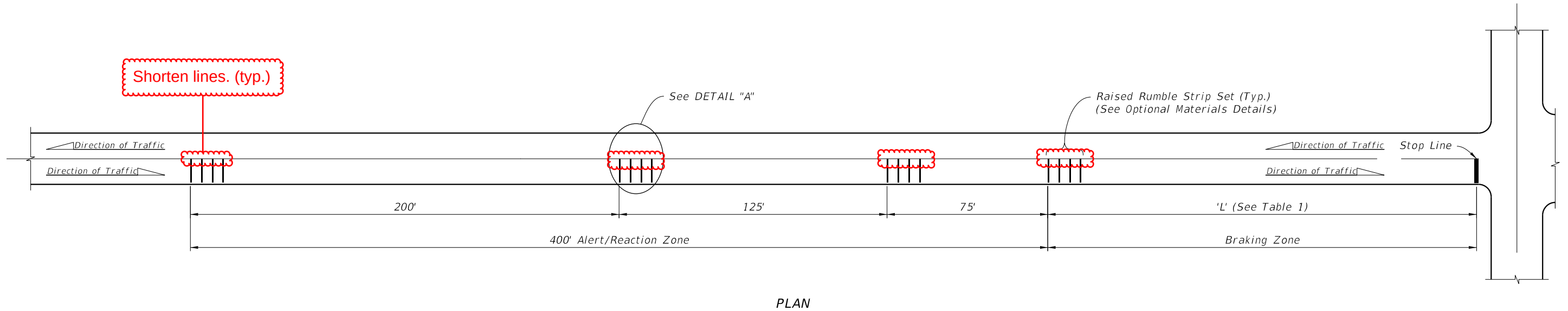
Yes	N/A	
☒	☐	Redline Mark-ups
☐	☐	Revised or Proposed Standard Plan Instruction (SPI)
☐	☐	Other Support Documents

Implementation:

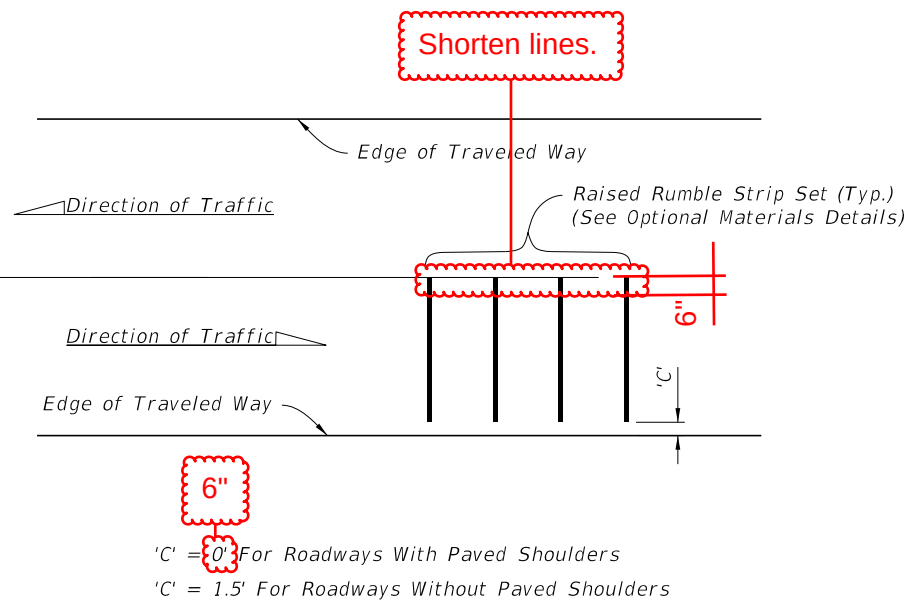
☐	Design Bulletin (Interim)
☐	DCE Memo
☐	Program Mgmt. Bulletin
☒	FY-Standard Plans (Next Release)

Contact the Roadway Design Office for assistance in completing this form

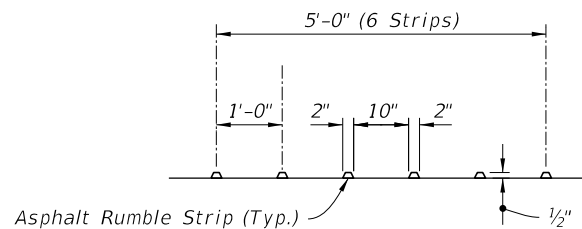
Email to: Rick Jenkins rick.jenkins@dot.state.fl.us and Darren Martin darren.martin@dot.state.fl.us



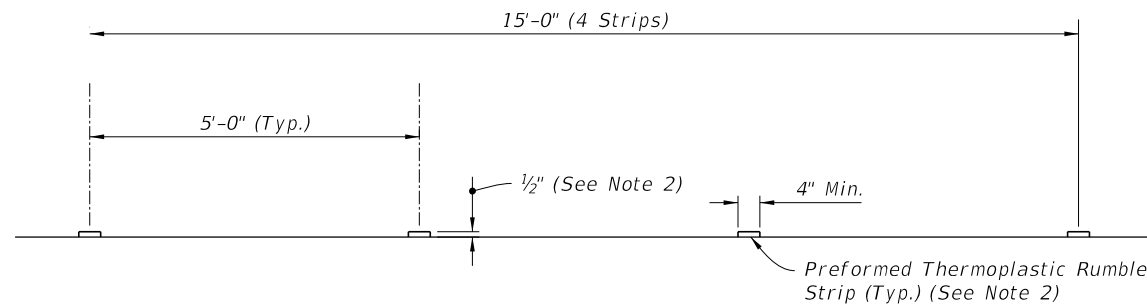
SPACING OF RAISED RUMBLE STRIP SETS AT INTERSECTIONS
(Preformed Thermoplastic Set Shown, Others Similar)



DETAIL "A"



OPTION P1 - ASPHALT SET



OPTION P2 - PREFORMED THERMOPLASTIC SET

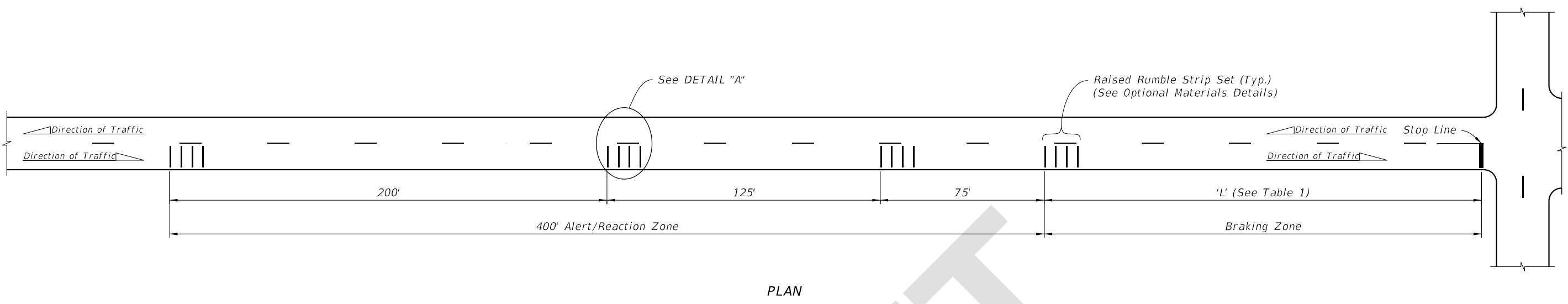
OPTIONAL MATERIALS DETAILS

TABLE 1 - BRAKING ZONE	
Posted Speed (mph)	'L' (Feet)
≤ 30	150
35	200
40	250
45	300
50	350
55	410
60	470
65	550

- 2. Use color white for preformed thermoplastic rumble strips.**
- NOTES:**
- Construct permanent raised rumble strips where shown in the Plans and in accordance with Specification 546.
 - Preformed Thermoplastic Set:
 - Use multiple applications to achieve desired 1/2" thickness.
 - Use color white.

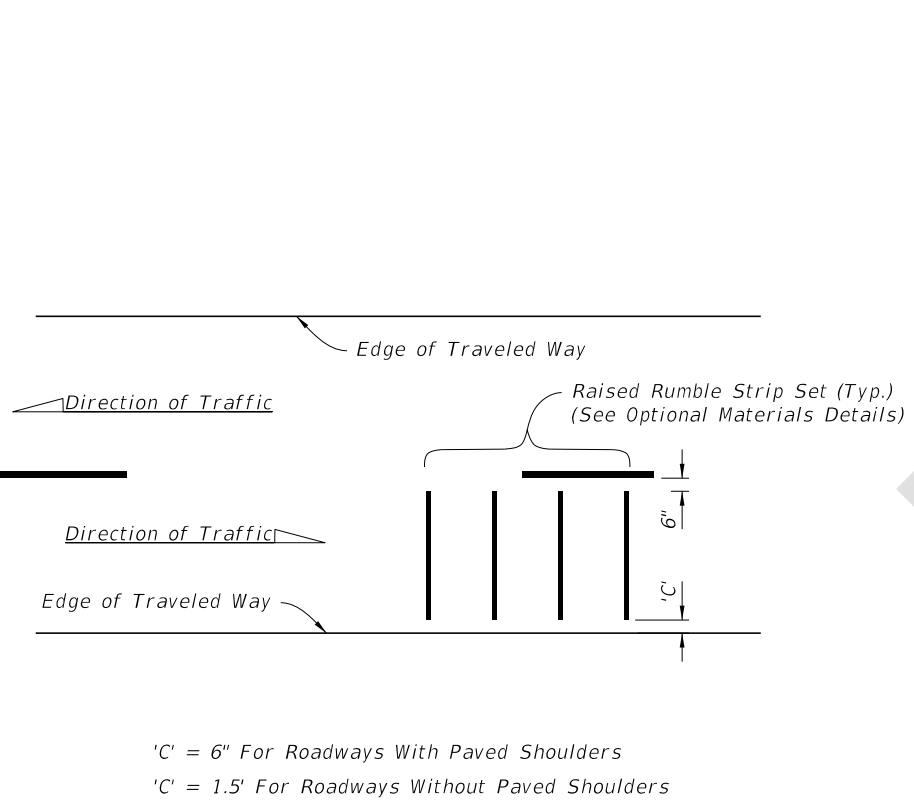
PERMANENT RAISED RUMBLE STRIPS

10/6/2022 2:20:21 PM

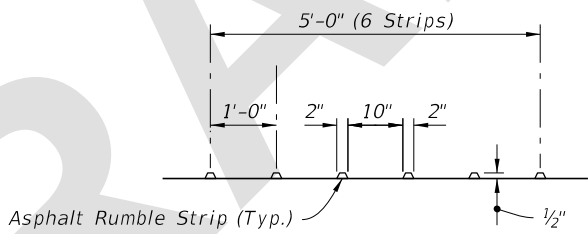


PLAN

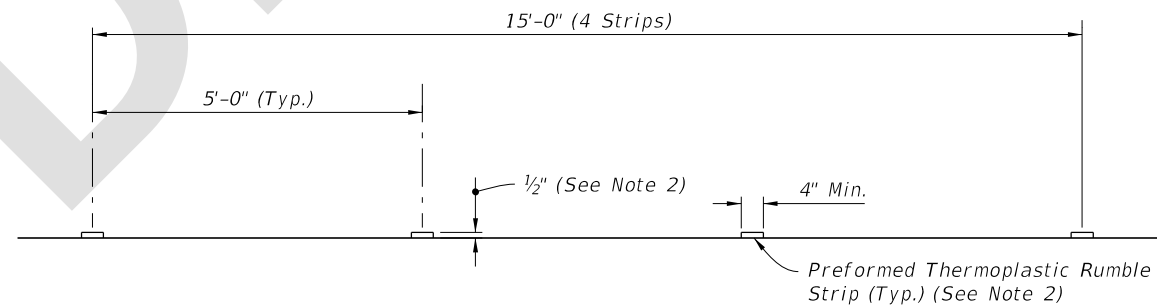
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PERMANENT RAISED RUMBLE STRIPS