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## ORIGINATION FORM

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Proposed Revisions to a Standard Plans Index  
(Please provide all information — Incomplete forms will be returned)

**Contact Information:**

Date: May 26, 2020  
Originator: Derwood Sheppard  
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**Standard Plans:**

Index Number: 102-670  
Sheet Number (s): 1  
Index Title: Motorist Awareness System

**Summary of the changes:**

Deleted Index; Consolidated with Index 102-613.

**Commentary / Background:**

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

Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	Other Standard Plans –
<input type="checkbox"/>	<input type="checkbox"/>	FDOT Design Manual –
<input type="checkbox"/>	<input type="checkbox"/>	Basis of Estimates Manual –
<input type="checkbox"/>	<input type="checkbox"/>	Standard Specifications –
<input type="checkbox"/>	<input type="checkbox"/>	Approved Product List –
<input type="checkbox"/>	<input type="checkbox"/>	Construction –
<input type="checkbox"/>	<input type="checkbox"/>	Maintenance –

**Origination Package Includes:**

(Email or hand deliver package to Rick Jenkins)

Yes	N/A	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Redline Mark-ups
<input type="checkbox"/>	<input type="checkbox"/>	Proposed Standard Plan Instruction (SPI)
<input type="checkbox"/>	<input type="checkbox"/>	Revised SPI
<input type="checkbox"/>	<input type="checkbox"/>	Other Support Documents

**Implementation:**

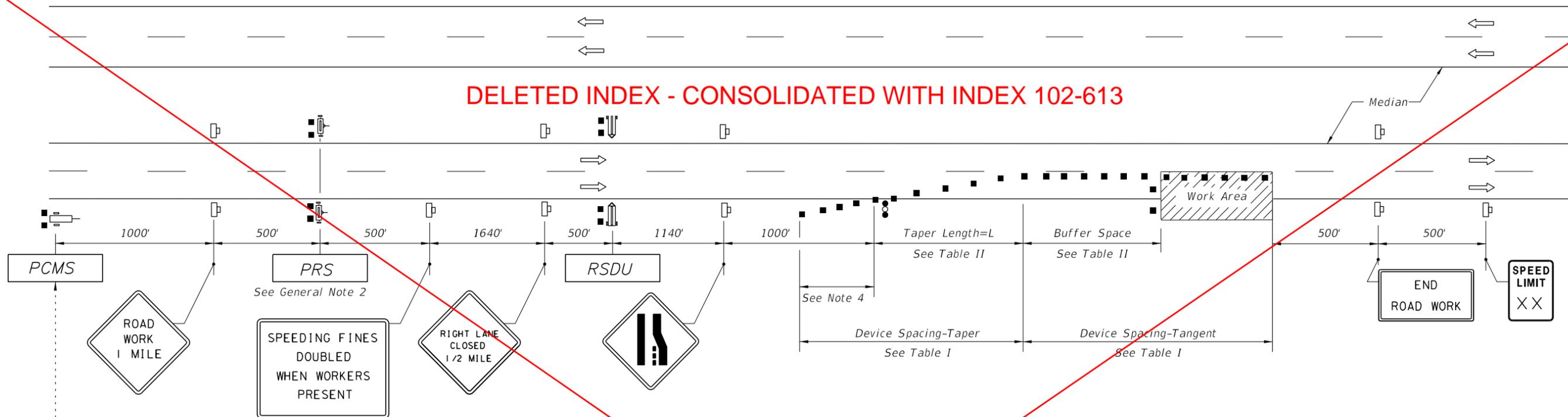
<input type="checkbox"/>	Design Bulletin (Interim)
<input type="checkbox"/>	DCE Memo
<input type="checkbox"/>	Program Mgmt. Bulletin
<input checked="" type="checkbox"/>	FY-Standard Plans (Next Release)

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Contact the Roadway Design Office for assistance in completing this form

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**DELETED INDEX - CONSOLIDATED WITH INDEX 102-613**



**TYPICAL PCMS DISPLAY**  
 With speed reduction:  
 Message 1: WORKERS PRESENT AHEAD  
 Message 2: SPEED REDUCED NEXT XMI  
  
 Without speed reduction:  
 Message 1: WORKERS PRESENT AHEAD  
 Message 2: NEXT X MILES

**Table I  
Device Spacing**

Posted Speed (mph)	Max. Distance Between Devices (ft.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
55 to 70	25	50	50	100

**Table II  
Buffer Space and Taper Length**

Posted Speed (mph)	Buffer Space	Taper Length (12' Lateral Transition)		Notes (Merge)
	Dist. (ft.)	L (ft.)		
55	495	660		L = WS
60	570	720		
65	645	780		
70	730	840		

**GENERAL NOTES:**

1. Use the MAS for lane closures of 5 day or more on multilane divided facilities with a posted speed of 55 MPH or greater when workers are present and not protected by a barrier.
2. For posted speeds of 65 MPH or greater, reduce Work Zone Speeds by 10 MPH. For posted speeds of 60 MPH, use a Work Zone Speed of 55 MPH.
3. Right lane closure shown, left lane closure similar using left lane signing.
4. Use shoulder taper in accordance with Index 102-612 for shoulder widths 8 feet or greater.
5. See Index 102-600 for general TCZ requirements and additional information.

When Buffer Space cannot be attained due to geometric constraints, the greatest attainable length shall be used, but not less than 200 ft.  
 For lateral transitions other than 12', use formula for L shown in the notes column.  
 Where:  
 L= Length of taper in feet  
 W= Width of lateral transition in feet  
 S= Posted speed limit (mph)

**SYMBOLS**

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Advance Warning Arrow Board
- Lane Identification + Direction of Traffic
- (1) PCMS= Portable Changeable(Variable) Message Sign
- (2) PRS= Portable Regulatory Sign- Speed Limit When Flashing
- (2) RSDU= Radar Speed Display Unit

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