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## Index 102-628 Two-Way Left Turn Lane Closure

### ORIGINATION

**Date:** May 26, 2020

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### COMMENTARY

Sheet 1: Revised Detail and Notes; Deleted Conditions; Updated Symbols.

### COMMENTS AND RESPONSES

**BLACK** = Internal Review Comments    **RED** = Standard Plans Response

**Name:** Edgar Munoz

**Date:** August 17, 2020

**COMMENT:** This will not work on a road with one lane in each direction. What index will be used in that scenario?

**RESPONSE:** *Agreed. The standard application was modified to provide a more practical and conservative approach to the closure of two way left turn lane on multilane roadways.*

**Change Made:** *Two new standards applications have been added for 3-Lane roadways. One for the closure of a travel lane (w/traffic shifted into the turn-lane) and the other for the closure of the turn-lane and one travel lane (i.e., flagger controlled similar to Two Lane, Two Way Work within the Traveled Way).*

**Date:** 8/20/2020

**Name:** K.C. Jones

**Date:** August 21, 2020

### **COMMENT:**

1. Should it not be renamed as “Shared Left turn lane”?

**RESPONSE:** *“Two-Way Left Turn-Lane” is currently the term used in the FDOT Design Manual*

**No Change**

2. Should we not close the inside lane on the other side also? enhances safety.

**RESPONSE:** *The configuration was updated to close one inside lane to provide a more practical space for the work area. Consideration will be given to providing an expanded work area accommodation that closes both inside lanes.*

**Change Pending**

**Date:** 8/22/2020

**Name:** Sharon Harris

**Date:** 8/21/2020

**COMMENT:** Don't understand why the taper and buffer and additional lane closure are different for the two sides-seems like it would be symmetrical unless the extra lane was for staging; if that is intent would denote that.

**RESPONSE:** *The detail is not symmetrical because there is only a Merging Taper on one side. However, it is noted that the buffer space (B) is not proportionally shown.*

**Change Made:** *Corrected proportionality of "B" dimensions.*

*Date: 8/22/2020*

**Name:** D5

**Date:** 8/21/2020

**COMMENTS:**

1. This index only addresses multi-lane facilities with bi-directional left turn lane. This would not work for 3-lane sections. Either another detail or additional notes should be provided (even though it's common sense application)

**RESPONSE:** *Agreed. Additional details are being developed for a 3-Lane section.*

**Change Made:** *Two new standards applications have been added for 3-Lane roadways. One for the closure of a travel lane (w/traffic shifted into the turn-lane) and the other for the closure of the turn-lane and one travel lane (i.e., flagger controlled similar to Two Lane, Two Way Work within the Traveled Way).*

2. Is the intent to provide space for other construction vehicles to occupy and/or escape route for emergency? Or is this to provide working space for the contractor from the travel? If for the latter option, why only one side?

**RESPONSE:** *The intent was to provide a more practical and conservative approach to the closure of two way left turn lane on multilane roadways. Consideration will be given to providing an expanded work area accommodation that closes both inside lanes.*

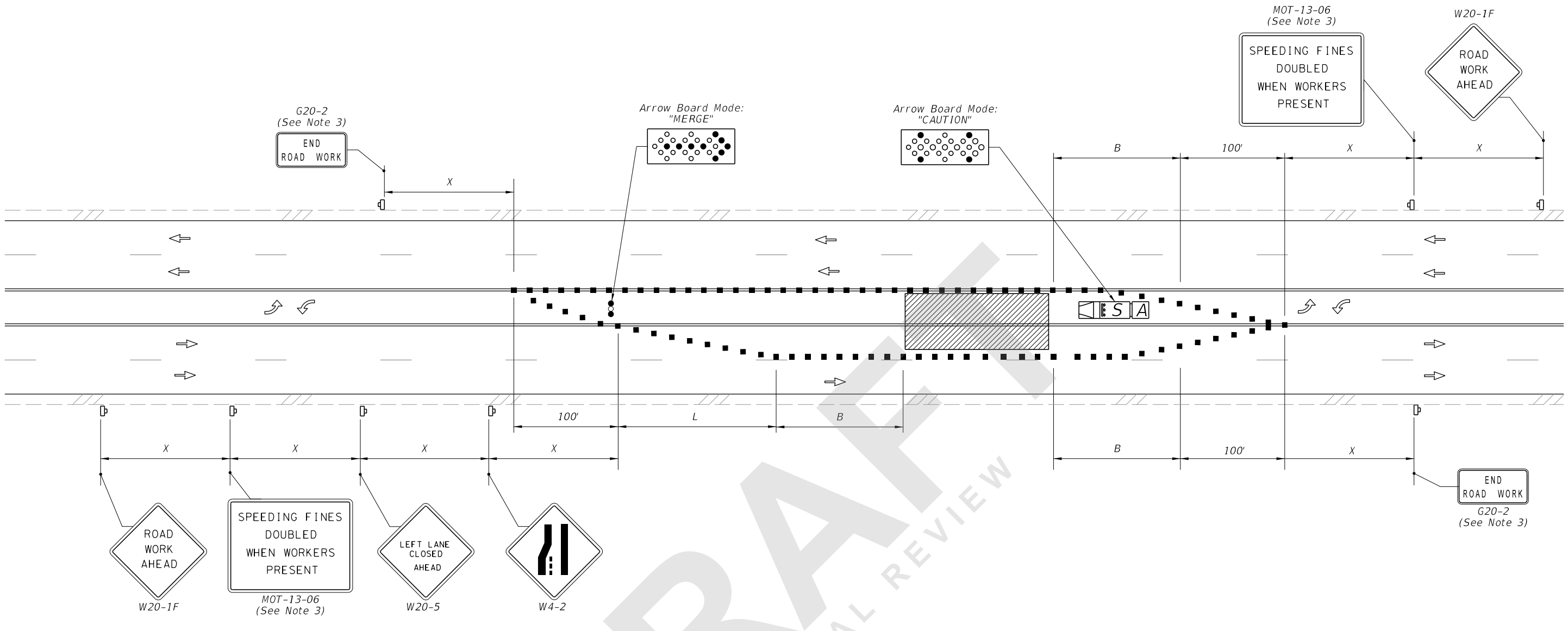
**Change Pending**

Consideration for additional arrow board on right side of detail in Caution mode (similar to shoulder closure in TA-4) in current detail

**RESPONSE:** *Agreed.*

**Change Made:** *Added TMA and Shadow Vehicle (S) with arrow board in "Caution" mode.*

*Date: 8/23/2020*



**TEMPORARY MULTILANE, TWO-WAY LEFT-TURN LANE, TURN LANE CLOSURE**  
 (Closure of One Inside Lane Shown, Closure of both Similar)

**SYMBOLS:**

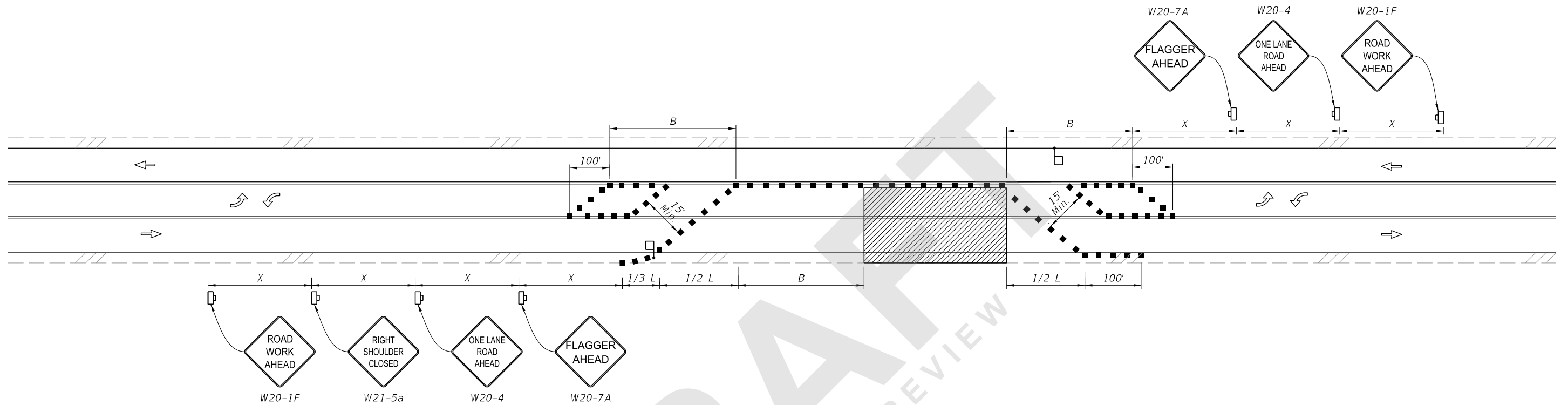
- Work Area
- Channelizing Device (See Index 102-600)
- Arrow Board
- Work Zone Sign
- Lane Identification and Direction of Traffic
- Truck/Trailer Mounted Attenuator (TMA)
- Shadow (S) Vehicle With Warning Lights And Arrow Board

**GENERAL NOTES:**

1. This Index applies to roadways with work in the two-way left-turn lane.
2. L = Taper Length  
 X = Work Zone Sign Distance  
 B = Buffer Length  
 See Index 102-600 for "L", "X", "B", and channelizing device spacing values.
3. The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" Sign (G20-2), along with associated Work Zone Sign Distances, may be omitted when the work zone will be in place for 24 hours or less.
4. If closure of both inside lanes on multilane roadways is needed, duplicate lane closure and merge; signs, channelizing devices, taper, and arrow board, for both directions







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LAST REVISION 11/01/20	REVISION	DESCRIPTION:		FY 2021-22 <b>STANDARD PLANS</b>	<b>TWO-WAY LEFT-TURN LANES</b>	INDEX	SHEET
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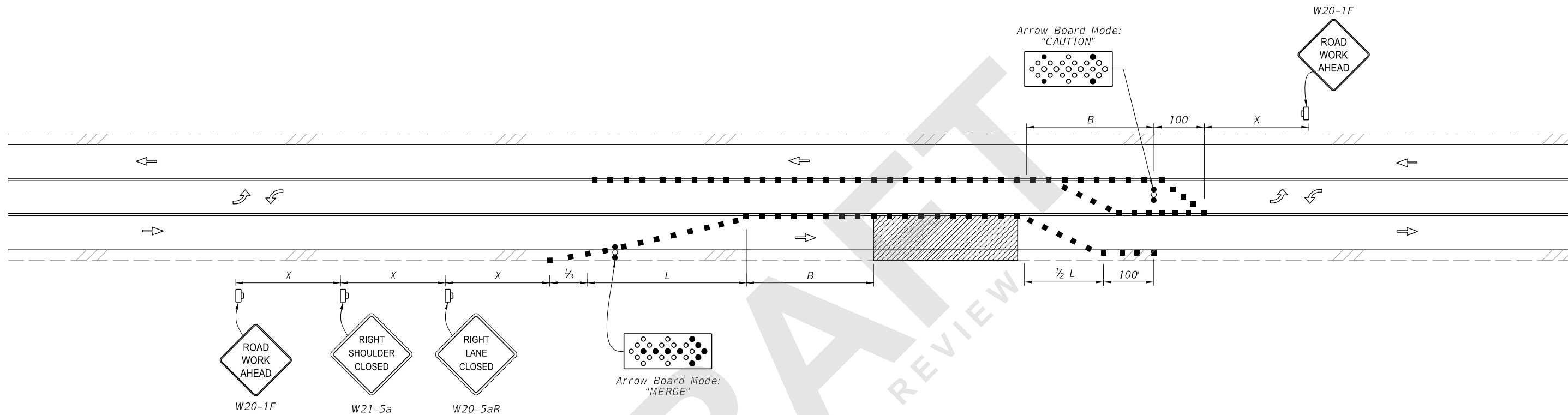
TEMPORARY TWO-WAY LEFT-TURN LANE CLOSURE, TWO-LANE, TWO-WAY ROADWAY, WORK WITHIN THE TRAVELED WAY WITH LANE CLOSURES OF 24 HRS OR LESS AND WORK ZONE SPEED OF 45 MPH OR LESS

**SYMBOLS:**

-  Work Area
-  Channelizing Device (See Index 102-600)
-  Arrow Board
-  Work Zone Sign
-  Lane Identification and Direction of Traffic
-  Flagger







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TEMPORARY SHIFT TO TWO-WAY LEFT-TURN LANE, WORK WITHIN THE TRAVELED WAY  
 WITH LANE CLOSURES OF 24 HRS OR LESS AND WORK ZONE SPEED OF 45 MPH OR LESS

**SYMBOLS:**

-  Work Area
-  Channelizing Device (See Index 102-600)
-  Arrow Board
-  Work Zone Sign
-  Lane Identification and Direction of Traffic
-  Flagger

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LAST REVISION 11/01/20	REVISION	DESCRIPTION:	 FY 2021-22 STANDARD PLANS	TWO-WAY LEFT-TURN LANES	INDEX 102-628	SHEET 3 of 3
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