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## Index 102-600

### General Information For Traffic Control Through Work Zones

**ORIGINATION****Date:** May 2, 2023**Name:** James McGinnis**Phone:** (850) 414-4952**Email:** James.McGinnis@dot.state.fl.us**COMMENTARY**

Symbols were added for clarification.

A detail was added to help standardize the layout of a left-turn lane closure.

**COMMENTS AND RESPONSES****BLACK** = Industry Review Comments    **BLUE** = Standard Plans Response    **GREEN** = Change Made to Index**Name:** Keith Krieger**Date:** 6/19/2023**COMMENT:** The first page of this comment form indicates "Index 120-600"...instead of "Index 102-600". Please fix.

In addition, the redline version of sheet 1 of 11 indicates (See Index 102-600)....which seems unnecessary since this is Index 102-600....and it is not shown in the blackline version....which is good.

**RESPONSE:** Good catch! We will make the updates to the redlines to match the blacklines.**CHANGE MADE TO INDEX:** Yes, updated redlines to match blacklines by removing the "See Index 102-600" from the legend on Sheet 1.*Response Date: 6/19/2023*

10/27/2022 7:35:59 AM

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**GENERAL NOTES:**

- This Index contains information specific to the Federal and State guidelines and standards for the preparation of traffic control plans and for the execution of traffic control in work zones, for construction and maintenance operations and utility work on highways, roads and streets on the State Highway System. Certain requirements in this Index are based on the high volume nature of State Highways. For highways, roads and streets off the State Highway System, the local agency (City/County) having jurisdiction may adopt requirements based on the minimum requirements provided in the MUTCD.
- Use this Index in accordance with the Plans and Indexes 102-601 through 102-680. Indexes 102-601 through 102-680 are Department-specific typical applications of commonly encountered situations. Adjust device location or number thereof as recommended by the Worksite Traffic Supervisor and approved by the Engineer. Devices include, but are not limited to, flaggers, portable temporary signals, signs, pavement markings, and channelizing devices. Comply with MUTCD or applicable Department criteria for any changes and document the reason for the change.
- Except for emergencies, any road closure on State Highway System must comply with Section 335.15, F.S.

**TABLE 1  
CHANNELIZING DEVICE SPACING**

Work Zone Speed (mph)	Max. Spacing (feet)			
	Cones or Temporary Tubular Markers		Type I Barricades, Type II Barricades, Vertical Panels, or Drums	
	Taper	Tangent	Taper	Tangent
≤ 45	25	50	25	50
≥ 50	25	50	50	100

**TABLE 2  
TAPER LENGTH "L"**

Work Zone Speed (mph)	Min. Length (feet)
≤ 40	$L = \frac{WS^2}{60}$
≥ 45	$L = WS$

Where: W = width of offset in feet  
S = speed in mph

**TABLE 3  
WORK ZONE SIGN SPACING "X"**

Road Type	Min. Spacing (feet)
Arterials and Collectors with Work Zone Speed ≤ 40 mph	200
Arterials and Collectors with Work Zone Speed ≥ 45 mph	500
Limited Access Roadways *	1,500

\* For Limited access roadways with work zone speed ≤ 55 mph, the minimum spacing may be reduced in accordance with the MUTCD and as approved by the Engineer.

**TABLE 4  
BUFFER LENGTH "B"**

Work Zone Speed (mph)	Min. Length (feet)
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730

Note: When Buffer Length "B" cannot be attained due to geometric constraints, use the greatest length possible, but not less than 155 feet.

**UPDATED:**

**SYMBOLS:**

- Work Area
- Channelizing Device
- Work Zone Sign
- Type III Barricade
- Lane Identification and Direction of Traffic

LAST REVISION	DESCRIPTION:
11/01/20	
11/01/23	