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

SHEET	TABLE OF CONTENTS	
1	General Notes, TTC Tables	
	Definitions	
	Temporary Traffic Control Devices	
2	Overhead Work	
2	Railroads	
	Sight Distance	
	Above Ground Hazard	
	Clear Zone Widths For Work Zones	
	Superelevation	
	Length Of Lane Closures	
3	Overweight/Oversize Vehicles	
	Lane Widths	
	High-Visibility Safety Apparel	
	Speed Reduction Signing	
	Flagger Control	
4	Survey Work Zones	
	Signs	
5	Work Zone Sign Supports	
6	Commonly Used Warning and Regulatory Signs In Work Zones	
	Manholes/Crosswalks/Joints	
	Truck Mounted Attenuators	
7	Signals	
,	Channelizing Devices	
	Channelizing Devices Consistency	
	Advanced Warning Arrow Boards	
8	Drop-Offs In Work Zones	
9	Business Entrance	
	Temporary Asphalt Separator	
10	Channelizing Devices Notes	
	Temporary Barrier Notes	
11	Pavement Markings	

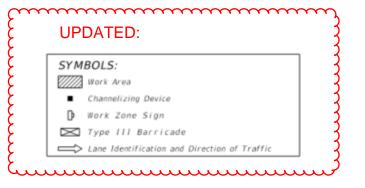
GENERAL NOTES:

- 1. 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.
- 2. 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.

3. Except for emergencies, any road closure on State Highway System must comply with Section 335.15, F.S.

TABLE 1						
CHANNELIZING DEVICE SPACING						
Work	Max. Spacing (feet)					
Zone Speed (mph)	Cones or Temporary Tubular Markers		Type I B Type II B Vertical Pane	arricades,		
	Taper	Tangent	Taper	Tangent		
≤ 45	25	50	25	50		
≥ 50	25	50	50	100		

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.				







ſ				
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 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.				

INDEX 102-600

SHEET

1 of 11