

	Ta	ble II	
Buffer	Space	and Ta	per Length
Speed (mph)	Buffer Space	Taper Length (12' Lateral Transition)	
	Dist.	L	Notes
	(ft.)	(ft.)	(Merge)
25	155	125	$L = \frac{WS^2}{60}$
30	200	180	
35	250	245	
40	305	320	
45	360	540	L = WS
50	425	600	
55	495	660	
60	570	720	
65	645	780	
70	730	840	

DISTANCE BETWEEN SIGNS Spacing (ft.) A B C 40 mph or Tess 200 200 200 45 mph 350 350 350 50 mnh 500 500 500 *55 mph or greater | 2640 | 1640 | 1000

- ' The ROAD WORK I MILE sign may be used as an alternate to the ROAD WORK AHEAD sign and the RIGHT LANE CLOSED 1/2 MILE sion may be used as an alternate to the RIGHT LANE CLOSED AHEAD sign.
- ** 500' beyond the ROAD WORK AHEAD sign or midway between signs whichever is less.



This Certifies that Lorenzo A. Howell

Has Completed a Florida Department of Transportation Approved Majnistrance of Tramo (TTC) Advanced (Refresher)Course.

Data Expires : 04/17/2021 Instructor: Richard Cabrers

Cartificate # 27853 FDOT Provider # 37

Paper 525,093-1761 15 Forero de Parkazo Sta. 100 Frederica (Durg. 144, FL WANTED BY COS OCTAL DESIGNATION SOM



SYMBOLS

Work Area

Channelizing Device (See Index No. 600) D

900 Advance Warning Arrow Board DESCRIPTION:

GENERAL NOTES

- 1. Work operations shall be confined to one traffic lane, leaving the adjacent lane open to traffic.
- 2. On undivided highways the median signs as shown are to be omitted
- 3. When work is performed in the median lane on divided highways, the channelizing device plan is inverted and left lane closed and lane ends signs substituted for the right lane closed and lane end signs.

The same applies to undivided highways with the following exceptions.

- a. Work shall be confined within one median lane.
- b. Additional barricades, cones, or drums shall be placed along the centerline abutting the work area and across the trailing end of the work area.

When work on undivided highways occurs across the centerline so as to encroach on both median lanes, the inverted plan is applied to the approach of both roadways.

- 4. Signs and traffic control devices are to be modified in accordance with INTERMITTENT WORK STOPPAGE details (sheet 2 of 2) when no work is being performed and the highway is open to traffic.
- 5. The two channelizing devices directly in front of the work area may be omitted provided vehicles in the work area have high-intensity rotating, flashing, oscillating, or strobe lights operating.
- 6. When paved shoulders having a width of 8 ft, or more are closed, channelizing devices shall be used to close the shoulder in advance of the merging taper to direct vehicular traffic to remain within the travel way. See Index No. 612 for shoulder taper formulas.
- 7. When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TCZ Indexes.
- 8. This TCZ plan does not apply when work is being performed in the middle lane(s) of a six or more lane highway. See Index No. 614.
- 9. For general TCZ requirements and additional information, refer to Index No. 600.

Table I Device Spacing Max. Distance Between Devices (ft.) Type I or Type II Speed Cones or Barricades or Vertical (mph) Tubular Markers Panels or Drums Taper |Tangent| Taper Tangent 25 25 50 25 50 30 30 to 45 25 50 50

50

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 transilions other than 12', use formula for L shown in notes column.

- L = Length of taper in feet
- W = Width of lateral transition in feet S = Posted speed limit (mph)

DURATION NOTES 1. Temporary white edgeline may be omitted for work operations less than 3 consecutive calandar days.

100

- 2. For work operations up to approximately 15 minutes, signs, channelizing devices, arrow board, and buffer space may be omitted if all of the following conditions are met:
- a. Speed limit is 45 mph or less.

50

50 to 70

25

- b. No sight obstructions to vehicles approaching the work area for a distance equal to the buffer space and the taper length combined.
- c. Volume and complexity of the roadway has been considered.
- d. The closed lane is occupied by a class 5 or larger, medium duty truck(s) with a minimum gross weight vehicle rating (GWVR) of 16.001 lb with high-intensity. rotating, flashing, oscillating, or strobe lights mounted above the cab height and operating.
- 3. For work operations up to 60 minutes, arrow board and buffer space may be omitted if conditions a. b. and c in DURATION NOTE 2 are met, and vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH ON THE LANE ADJACENT TO EITHER SHOULDER AND THE AREA 2' OUTSIDE THE EDGE OF TRAVEL WAY.

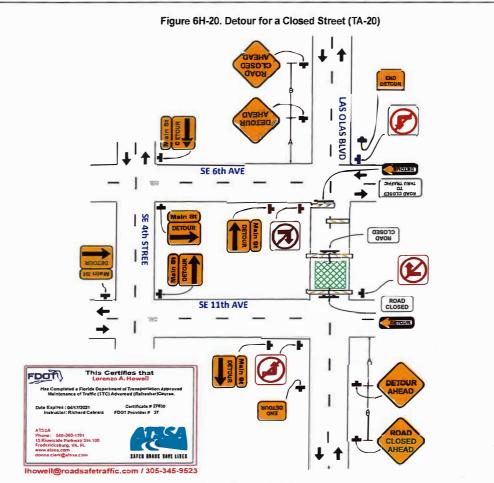
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MULTILANE, WORK WITHIN TRAVEL WAY MEDIAN OR OUTSIDE LANE

INDEX NO 613

SHEET NO. 1 of 2



Typical Application 20

Notes for Figure 6H-20—Typical Application 20 Detour for a Closed Street

Guidance

- 1. This plan should be used for streets without posted route numbers.
- 2. On multi-lane streets, Detour signs with an Advance Turn Arrow should be used in advance of a turn.

Option

- 3. Flashing warning lights and/or flags may be used to call attention to the advance warning signs.
- 4. Flashing warning lights may be used on Type 3 Barricades.
- 5. Detour signs may be located on the far side of intersections. A Detour sign with an advance arrow may be used in advance of a turn.
- 6. A Street Name sign may be mounted with the Detour sign. The Street Name sign may be either white on green or black on orange.

Standard

7. When used, the Street Name sign shall be placed above the Detour sign.

Suppor

8. See Figure 6H-9 for the information for detouring a numbered highway.