END
ROAD WORK

ROAD
WORK
AHEAD

A

2' Min.

15'

Taper Length = 1/3 L
See Table II

Work Area

END
ROAD WORK

A

*

B

Device Spacing–Taper
See Table I

Device Spacing–Tangent
See Table I

500'

ROAD
WORK
AHEAD

SPEEDING FINES
DOUBLED
WHEN WORKERS
PRESENT

$$L = \frac{}{}$$

Table II
Taper Length – Shoulder

Speed (mph)	1/3 L (ft)			Notes
	8' Shldr.	10' Shldr.	12' Shldr.	
25	28	35	42	
30	40	50	60	$L = \frac{WS^2}{60}$
35	55	68	82	
40	72	90	107	
45	120	150	180	
50	133	167	200	
55	147	183	220	
60	160	200	240	$L = WS$
65	173	217	260	
70	187	233	280	

8' minimum shoulder width

1/3 L = Length of shoulder taper in feet

W = Width of total shoulder in feet
(combined paved and unpaved width)

S = Posted speed limit (mph)

DISTANCE BETWEEN SIGNS

Speed	Spacing (ft.)	
	A	B
40 mph or less	200	200
45 mph	350	350
50 mph or greater	500	500

* 500' beyond the ROAD WORK
AHEAD sign or midway between
signs whichever is less.

Table I
Device Spacing

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
25	25	50	25	50
30 to 45	25	50	30	50
50 to 70	25	50	50	100

GENERAL NOTES

1. When four or more work vehicles enter the through traffic lanes in a one hour period or less (excluding establishing and terminating the work area), the advanced FLAGGER sign shall be substituted for the WORKERS sign. For location of flaggers and FLAGGER signs, see Index No. 603.

2. WORKERS sign to be removed or fully covered when no work is being performed.

3. SHOULDER WORK sign may be used as an alternate to the WORKER symbol sign only on the side where the shoulder work is being performed.

4. When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TCZ Indexes.

5. For general TCZ requirements and additional information, refer to Index No. 600.
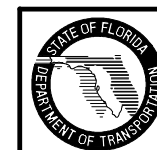
DURATION NOTES

1. Signs and channelizing devices may be omitted if all of the following conditions are met:
   a) Work operations are 60 minutes or less.
   b) Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.

SYMBOLS

Work Area

Sign With 18" x 18" (Min.) Orange
Flag And Type B Light

Channelizing Device (See Index No. 600)

Work Zone Sign

Lane Identification + Direction of Traffic

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT,
WORKERS OR THEIR ACTIVITIES
ENCROACH THE AREA CLOSER
THAN 15' BUT NOT CLOSER THAN
2' TO THE EDGE OF TRAVEL WAY.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

2010 FDOT Design Standards

TWO-LANE TWO-WAY, WORK ON SHOULDER

Last Revision 07/01/07

Sheet No. 1 of 1

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