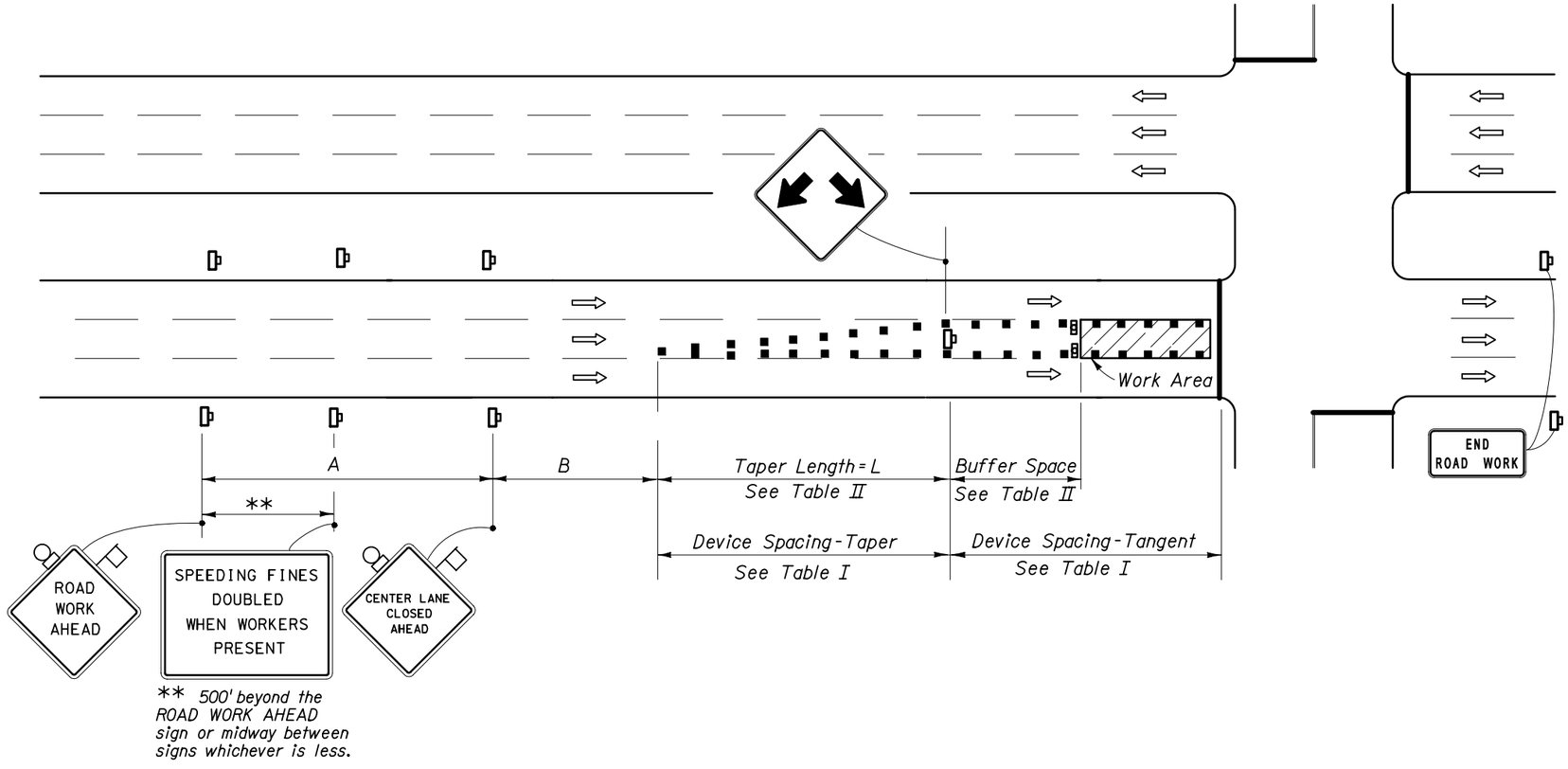


** 500' beyond the ROAD WORK AHEAD sign or midway between signs whichever is less.

| DISTANCE BETWEEN SIGNS | | |
|---|---|---|
| Speed | Spacing ( ft. ) | |
| | A | B |
| 40 mph or less | 200 | 200 |
| 45 mph | 350 | 350 |

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 |

Table II
Buffer Space and Taper Length

| Speed ( mph ) | Buffer Space | Taper Length ( 12' Lateral Transition ) | |
|---|---|---|---|
| | Dist. ( ft. ) | L ( ft. ) | Notes ( Merge ) |
| 25 | 155 | 125 | $L=\frac{WS^2}{60}$ |
| 30 | 200 | 180 | |
| 35 | 250 | 245 | |
| 40 | 305 | 320 | |
| 45 | 360 | 540 | L = WS |

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 transitions other than 12', use formula for L shown in the notes column.
Where:
L = Length of taper in feet
W = Width of lateral transition in feet
S = Posted speed limit ( mph )

## SYMBOLS

- Work Area
- Sign With 18" x 18" ( Min. ) Orange Flag And Type B Light
- Type I Or Type II Barricade Or Vertical Panel Or Drum ( With Flashing Light At Night Only )
- Channelizing Device ( See Index No. 600 )
- Work Zone Sign
- Advance Warning Arrow Panel
- Lane Identification + Direction of Traffic

## GENERAL NOTES

1. Work operations shall be confined to one center travel lane, leaving the adjacent travel lanes open to traffic.
2. The merging taper shall direct vehicular traffic into either the right or left lane, but not both.
3. When vehicles in a parking zone block the line of sight to TCZ signs, the signs shall be post mounted and located in accordance with Index No. 17302.
4. If the work space extends across a crosswalk, the crosswalk should be closed using the information in Index No. 660.
5. For general TCZ requirements and additional information, refer to Index No. 600.

## DURATION NOTES

1. Signs and buffer space may be omitted if all of the following conditions are met:
   a ) Work operations are 60 minutes or less.
   b ) Speed limit is 45 mph or less.
   c ) No sight obstructions to vehicles approaching the work area for a distance equal to the buffer space and the taper length combined.
   d ) Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.
   e ) Volume and complexity of the roadway has been considered.

## CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH ON THE PAVEMENT REQUIRING THE CLOSURE OF THE CENTER LANE NEAR AN INTERSECTION.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

2008 FDOT Design Standards

# MULTILANE, WORK NEAR INTERSECTION CENTER LANE

Last Revision 07/01/07

Sheet No. 1 of 1

Index No. 617