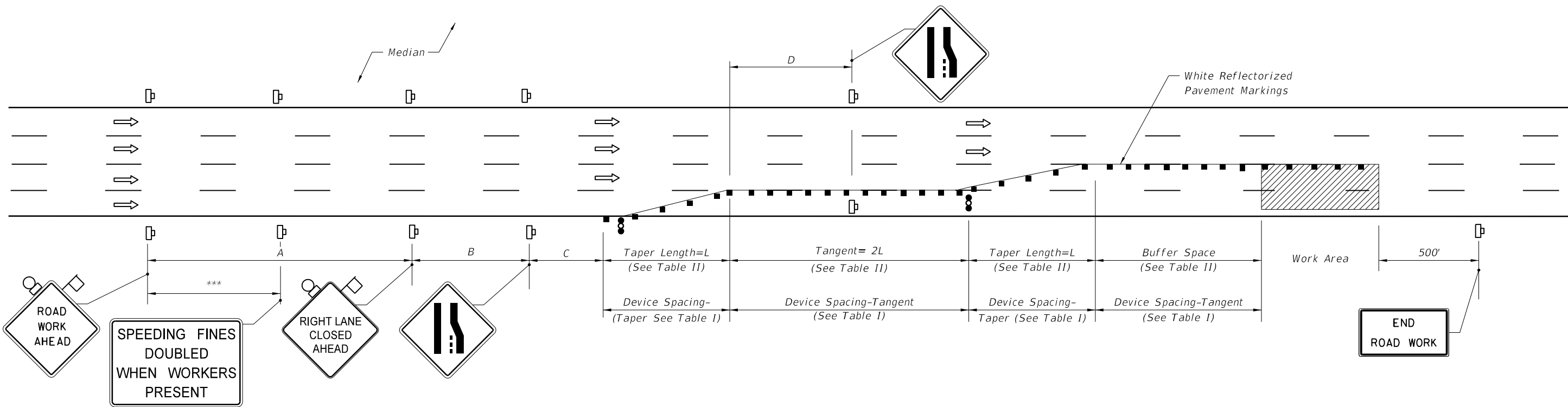


C:\projects\standards\roadway\00600-s\00623-01.dgn
10:54:33 AM
6/28/2012



| DISTANCE BETWEEN SIGNS | | | | |
|------------------------|---------------|------|------|-----|
| Speed | Spacing (ft.) | | | |
| | A | B | C | D** |
| 40 mph or less | 200 | 200 | 200 | L |
| 45 mph | 350 | 350 | 350 | L |
| 50 mph | 500 | 500 | 500 | L |
| *55 mph or greater | 2640 | 1640 | 1000 | L |

* The ROAD WORK 1 MILE sign may be used as an alternate to the ROAD WORK AHEAD sign MILE sign may be used as an alternate to the RIGHT LANE CLOSED AHEAD sign.

** See Table II for L

*** 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 |

| Table II Buffer Space and Taper Length | | | | |
|---|--------------|---------------------------------------|-----------------------|---------|
| Speed (mph) | Buffer Space | Taper Length (12' Lateral Transition) | | Tangent |
| | | Dist. (ft.) | L (ft.) | |
| 25 | 155 | 125 | $L = \frac{WS^2}{60}$ | 250 |
| 30 | 200 | 180 | | 360 |
| 35 | 250 | 245 | | 490 |
| 40 | 305 | 320 | $L = WS$ | 640 |
| 45 | 360 | 540 | | 1080 |
| 50 | 425 | 600 | | 1200 |
| 55 | 495 | 660 | | 1320 |
| 60 | 570 | 720 | | 1440 |
| 65 | 645 | 780 | | 1560 |
| 70 | 730 | 840 | | 1680 |

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)

GENERAL NOTES

1. Work operations shall be confined to the two outside traffic lanes, leaving the adjacent lane(s) 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 lanes closed and lane ends signs substituted for the right lanes closed and lane end signs.
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.
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.

DURATION

Temporary white edgeline may be omitted for work operations less than three (3) days.

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCOACH ON THE TWO LANES ADJACENT TO EITHER SHOULDER.

SYMBOLS

- Work Area
- Sign With 18"x 18" (Min.) Orange Flag And Type B Light
- Channelizing Device (See Index No. 600)
- Work Zone Sign
- Advance Warning Arrow Board