

City of Salem

Temporary Traffic Control Spacing Tables

Table 1

Advance Sign Spacing Within Warning Area

| Speed | Initial Sign | Additional Signs |
|-----------|--------------|------------------|
| 0-30 mph | 100 feet | 100 feet |
| 35-45 mph | 350 feet | 350 feet |
| 50-55 mph | 500 feet | 500 feet |

Signs on portable supports shall be at least one foot above the roadway.

Table 2

Taper Length, Number of Devices, and Device Spacing Table

Use 12 Ft lane width as default unless otherwise approved

| Speed MPH | Min. Merging Taper length (L) Lane Width (W) in Feet | | | Minimum Number of Devices Lane Width in Feet | | | Maximum Device Spacing in Feet | | Buffer Space |
|-------------|---|-----|-----|---|----|----|-----------------------------------|------------------|-----------------|
| | 10 | 11 | 12 | 10 | 11 | 12 | Along Taper | Along Tangent | FT |
| 25 or below | 105 | 115 | 125 | 7 | 7 | 8 | 20 | 40 | 155 |
| 30 | 150 | 165 | 180 | 9 | 10 | 10 | 20 | 40 | 200 |
| 35 | 205 | 225 | 245 | 12 | 13 | 14 | 20 | 40 | 250 |
| 40 | 270 | 295 | 320 | 15 | 16 | 17 | 20 | 40 | 305 |
| 45 | 450 | 495 | 540 | 13 | 14 | 15 | 40 | 80 | 360 |
| 50 | 500 | 550 | 600 | 14 | 15 | 18 | 40 | 80 | 425 |
| 55 | 550 | 605 | 660 | 15 | 17 | 18 | 55 | 110 | 495 |
| 60 | 600 | 660 | 720 | 16 | 18 | 19 | 60 | 120 | 570 |
| 65 | 650 | 715 | 780 | 18 | 19 | 21 | 65 | 130 | 645 |

Shift Taper = 1/2 L Shoulder Taper = 1/3 L Bike Lane Taper = 50'

For information on Bike Lane Closures consult City of Salem "Traffic Control Plan Supplemental for Bike Lane (BK-101)

For more information consult
 "Manual on Uniform Traffic Control Devices" 2003 Edition and
 "Oregon Temporary Traffic Control Handbook" May 2006 Revision