



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

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

| 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 |

| Speed (mph) | 1/3 L (ft.) | | | Notes |
|-------------|-------------|------------|------------|--------------------------|
| | 8' Shldr. | 10' Shldr. | 12' Shldr. | |
| 25 | 28 | 35 | 42 | L = WS ² / 60 |
| 30 | 40 | 50 | 60 | |
| 35 | 55 | 68 | 82 | |
| 40 | 72 | 90 | 107 | L = WS |
| 45 | 120 | 150 | 180 | |
| 50 | 133 | 167 | 200 | |
| 55 | 147 | 183 | 220 | |
| 60 | 160 | 200 | 240 | |
| 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)

GENERAL NOTES

- When a high volume of work vehicles are entering and leaving the Work Area at speeds slower than 10 MPH below the posted speed, place an M0T-5-06 sign in the ROAD WORK AHEAD sign location and shift the ROAD WORK AHEAD sign upstream 500 ft.
- This TCZ plan also applies to work performed in the median more than 2' but less than 15' from the edge of travelway.
- When work is being performed on a multilane undivided roadway the signs normally mounted in the median (as shown) shall be omitted.
- WORKERS signs to be removed or fully covered when no work is being performed.
- SHOULDER WORK sign may be used as an alternate to the WORKER symbol sign.
- When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TCZ Indexes.
- For general TCZ requirements and additional information, refer to Index 102-600.

DURATION NOTES

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

SYMBOLS

- Work Area
- Channelizing Device (See Index 102-600)
- 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.

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