

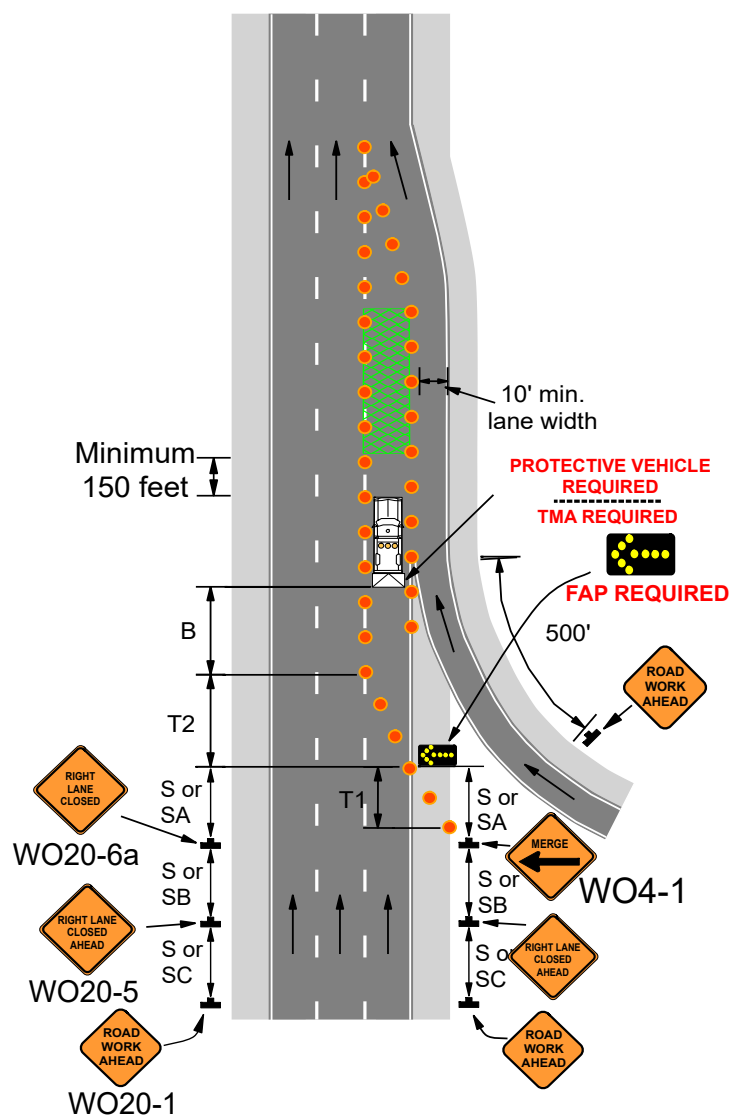
## 616.8.44S (TA-44S) Stationary Work in the Vicinity of an Entrance Ramp

- **Always maintain a minimum of ten feet of driving surface. This may include a part of the shoulder if the shoulder is of adequate strength to handle the traffic.**
- **Always use advance warning signs, flashing arrow panel, and channelizers:**
  1. Use EPG 616.33SD (TA-33SD) Short Duration Lane Closure on a Multi-Lane Highway for setting advanced warning signs and channelizers.
  2. Position the YIELD or STOP sign so ramp traffic has adequate sight distance to merge into mainline traffic.
  3. When acceleration distances are limited, position a STOP sign on both sides of the approach replacing the YIELD sign.
  4. Use a temporary STOP bar when STOP signs are used.
  5. When acceleration distances are limited consider closing the entire ramp.
  6. For work entirely within the acceleration lane and ramp, a through-lane lane closure is not needed.
- **Always use a protective vehicle with a flashing arrow panel (FAP) and a truck/trailer mounted attenuator (TMA).**
  1. Activate high intensity rotating, flashing, oscillating, or strobe lights.
  2. Position the protective vehicle/TMA a minimum of 150 feet in advance of the work space, if possible.
  3. Operate the FAP in the four-corner or alternating diamond caution mode.
- **For roadways posted at 45 mph or below, shoulder advance warning and protective vehicles are required, use a TMA if available:**
  1. Activate high intensity rotating, flashing, oscillating, or strobe lights.
  2. Position the protective vehicle at least 150 feet behind the work space, if possible.
  3. Equip the TMA with a FAP set in the four-corner or alternating diamond caution mode or a CMS with the appropriate lane closure message, and an appropriate lane closure sign.
  4. Equip the advance warning vehicle with a FAP set in the four-corner or alternating diamond caution mode or a CMS with the appropriate lane closure message, and an appropriate lane closure sign.

For other operations, refer to:
<ul style="list-style-type: none"><li>• <b>Mobile:</b><ol style="list-style-type: none"><li>1. EPG 616.35M (TA-35M) Mobile Operation on Multi-Lane Highway.</li></ol></li><li>• <b>Short Duration (60 minutes or less):</b><ol style="list-style-type: none"><li>1. EPG 616.8.33SD (TA-33SD) Short Duration Lane Closure on a Multi-Lane Highway.</li></ol></li><li>• <b>Long-term Stationary Operations:</b><ol style="list-style-type: none"><li>1. EPG 616.6.2.2 Flags and Advance Warning Rail System.</li><li>2. EPG 616.6.78 Temporary Markings.</li></ol></li><li>• <b>Nighttime Operations:</b><ol style="list-style-type: none"><li>1. EPG 616.6.83 Warning Lights for use of sequential lights.</li></ol></li><li>• <b>Speed Limit Guidance:</b><ol style="list-style-type: none"><li>1. EPG 616.12 Work Zone Speed Limits for speed limit guidelines.</li></ol></li></ul>

1. Shoulder taper length based on 10 ft. (standard shoulder width) offset.    2. Lane taper length based on 12 ft. (standard lane width) offset.

	SIGN HEIGHT	MAXIMUM WORK ZONE LENGTH (L)	Channelizer	Flashing Arrow Panel	Protective Vehicle
URBAN	1' Portable 7' Post	1 Mi.	Sign	Work Space	Truck/Trailer Mounted Attenuator (TMA)
RURAL DIVIDED	1' Portable 7' Post	2 Mi.			



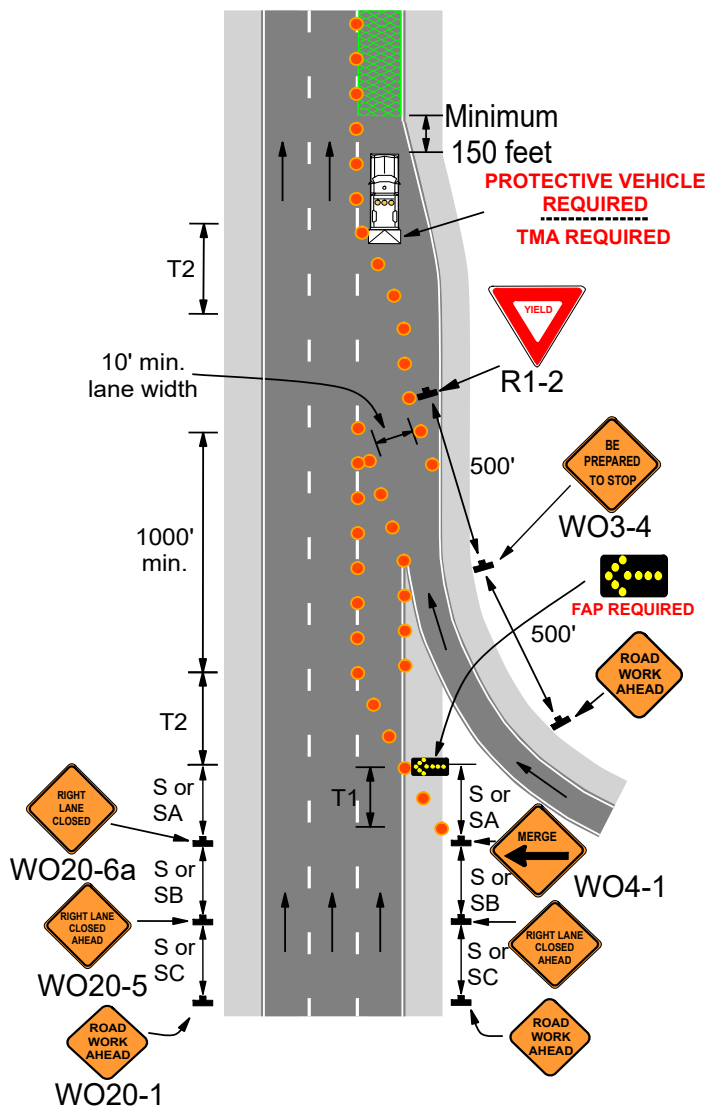
Field Notes:

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SPEED Permanent Posted (mph)	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		RECOMMENDED BUFFER LENGTH (ft.) (B)	CHANNELIZER SPACING (ft.)	
	Undivided (S)	Divided (S)	Shoulder (1) (T1)	Lane (2) (T2)		Tapers	Buffer/ Work Areas
0-35	200	200	70	245	250	35	40
40-45	350	500	150	540	360	40	80
50-55	500	1000	185	660	495	50	80
60-70	1000	SA - 1000 SB - 1500 SC - 2640	235	840	730	60	120

1. Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.

	SIGN HEIGHT	MAXIMUM WORK ZONE LENGTH (L)	Channelizer	Flashing Arrow Panel	Protective Vehicle
URBAN	1' Portable 7' Post	1 Mi.	Sign	Work Space	Truck/Trailer Mounted Attenuator (TMA)
RURAL DIVIDED	1' Portable 7' Post	2 Mi.			



Date:

Type of Work:

Location:

Work Zone Specialist:

Field Notes: