

## 616.8.4SD (TA-4SD) Short Duration Work on a Shoulder

- **Short Duration:** Defined as workers on foot for 60 minutes or less in one location.
- **Location:** A location is defined as the maximum length of work zone (L) for the road you are working on.
- **Advance warning signs** are optional.
- **Always use a protective vehicle. If available, use 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. If the protective vehicle is equipped with a truck/trailer mounted attenuator (TMA), place a static sign under the flashing arrow panel and use four-corner or alternating diamond caution mode.
  4. A work vehicle may be used as a protective vehicle.
  5. Once you exit the work vehicle, return only when adjusting position or ready to leave the work location.

<b>For other operations, refer to:</b>
<ul style="list-style-type: none"><li>• <b>Mobile:</b><ol style="list-style-type: none"><li>1. EPG 616.8.4M (TA-4M) Mobile Operation on a Shoulder.</li></ol></li><li>• <b>Stationary:</b><ol style="list-style-type: none"><li>1. EPG 616.8.3S (TA-3S) Stationary Shoulder Work.</li></ol></li></ul>

**616.8.4SD (TA-4SD) Short Duration Operation on a Shoulder**

SPEED	SIGN SPACING (ft.)	TAPER LENGTH (ft.)		RECOMMENDED	CHANNELIZER SPACING (ft.)	
Permanent Posted (mph)	Undivided (S)	Shoulder (1) (T1)	Lane (2) (T2)	Buffer Length (ft.) (B)	Tapers	Buffer/ Work Areas
0-35	200	-	-	-	-	-
40-45	350	-	-	-	-	-
50-55	500	-	-	-	-	-
60-70	1000	-	-	-	-	-

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

TYPE OF ROADWAY	SIGN HEIGHT (MINIMUM)	MAXIMUM WORK ZONE LENGTH (L)	Channelizer	Protective Vehicle
URBAN	1' Portable 7' Post	1 Mi.	Sign	Truck/Trailer Mounted Attenuator (TMA)
RURAL DIVIDED	1' Portable 7' Post	2 Mi.	Flashing Arrow Panel	Work Space
RURAL UNDIVIDED	1' Portable 5' Post	3 Mi.		
VEHICLE	48 Inches Recommended	-		

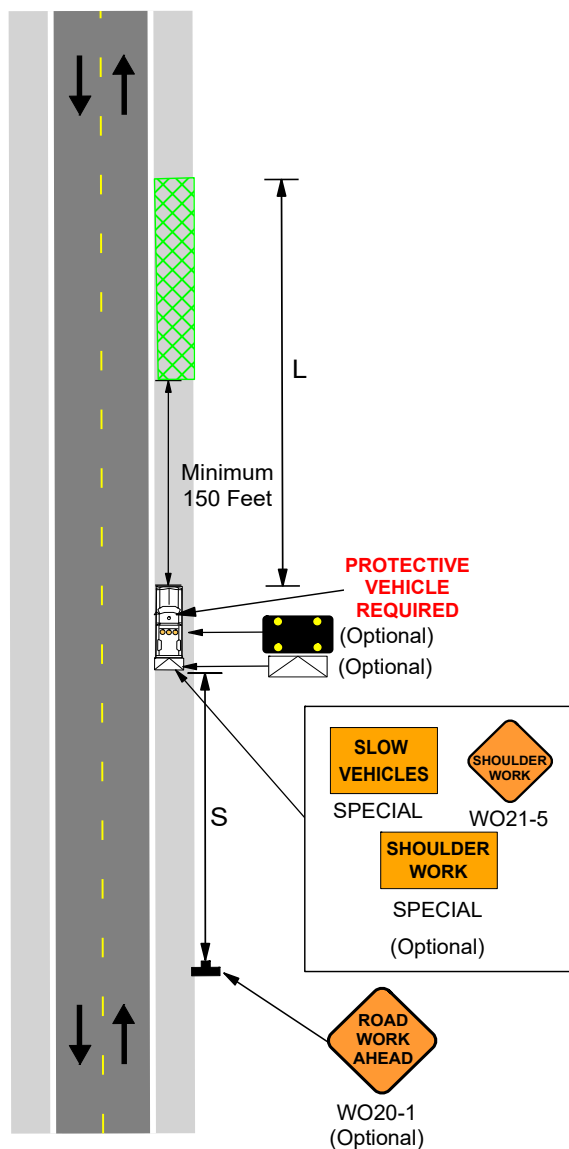
Date:

Type of Work:

Location:

Work Zone Specialist:

Field Notes:



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