

616.8.5A (TA-5A) Long-Term Shoulder Closure

- **Always use advance warning signs and channelizers:**
 1. Set additional warning signs at each intersection with another state highway within the work zone.
- **Always use a protective vehicle when workers are present. 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.

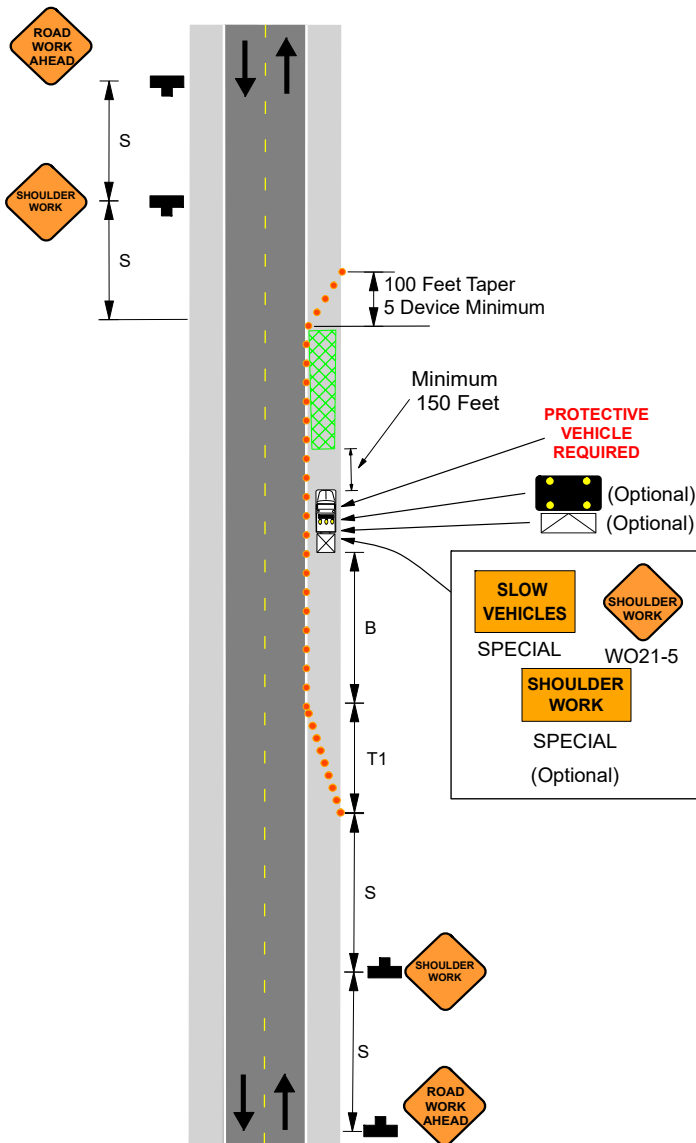
For other operations, refer to:
<ul style="list-style-type: none">• Stationary:<ol style="list-style-type: none">1. EPG 616.8.3S (TA-3S) Stationary Shoulder Work.• Long-Term Stationary Operations:<ol style="list-style-type: none">1. EPG 616.6.2.2 Flags and Advance Warning Rail System.2. EPG 616.6.78 Temporary Markings.• Temporary Traffic Barriers:<ol style="list-style-type: none">1. EPG 616.6.85 Temporary Traffic Barriers.2. EPG 616.8.5B (TA-5B) Long-Term Shoulder Closure on a Two-Lane Road with Temporary Traffic Barrier.3. EPG 616.6.78 Temporary Markings.

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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	70	-	250	35	40
40-45	350	150	-	360	40	80
50-55	500	185	-	495	50	80
60-70	1000	235	-	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.

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



Date:

Type of Work:

Location:

Work Zone Specialist:

Field Notes:

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