616.8.10SDAFAD (TA-10SDAFAD) Short Duration Lane Closure on a Two-Lane Highway using Automated Flagger Assistance Devices (AFAD)

- **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.
- **Always use advance warning signs:**
    1. Use EPG 616.17M (TA-17M) Mobile Operation on a Two-Lane Highway for placement/removal of advance warning signs.
- **Consider using a pilot vehicle for lengthy or difficult work zones to navigate.**
- **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 used, operate the flashing arrow panel in the four-corner or alternating diamond caution mode.
- **Position AFAD #1 in the closed lane of traffic:**
    1. Position AFAD #1 a minimum of 150 feet in advance of the work space, if possible. Spacing may vary due to hills, curves, and intersections.
- **Position AFAD #2 in the open lane of traffic.**
    1. Use a work vehicle in the closed lane to keep traveling public from entering the work area.
- **Single AFAD:**
    1. Do not release traffic into the opposing lane of traffic.
    2. The traffic may be released when all work vehicles are out of the travel lane.
- **If a AFAD becomes inoperable, refer to**:
    1. EPG 616.10SD (TA-10SD) Short Duration Lane Closure on a Two-Lane Highway using Flaggers.
    2. EPG 616.8.10S (TA-10S) Stationary Lane Closure on a Two-Lane Highway using Flaggers.
- **Notes:**
    1. Flaggers, automated flagger assistance device (AFAD), and pilot vehicle operators are required to have current flagger certification training.
        a. External flagger training will meet standard specifications located in section 616.4.3.
        b. Internal flaggers will be trained in accordance with EPG 616.5.1.
    2. Supporting Figure: Side Roads Entering Work Zones.
    3. One or both lanes of traffic may be stopped at the same time for up to a maximum of 15 minutes.

For other operations, refer to:

- **Mobile**:
    1. EPG 616.17M (TA-17M) Mobile Operation on a Two-Lane Highway.
- **Stationary:**
    1. EPG 616.8.10S (TA-10S) Stationary Lane Closure on a Two-Lane Highway using Flaggers.
    2. EPG 616.8.10STMA1 (TA-10STMA1) Stationary Lane Closure on a Two-Lane Highway using a TMA Flagger.
    3. EPG 616.8.10SMA2 (TA-10STMA2) Stationary Lane Closure on a Two-Lane Highway using Multiple TMA Flaggers.

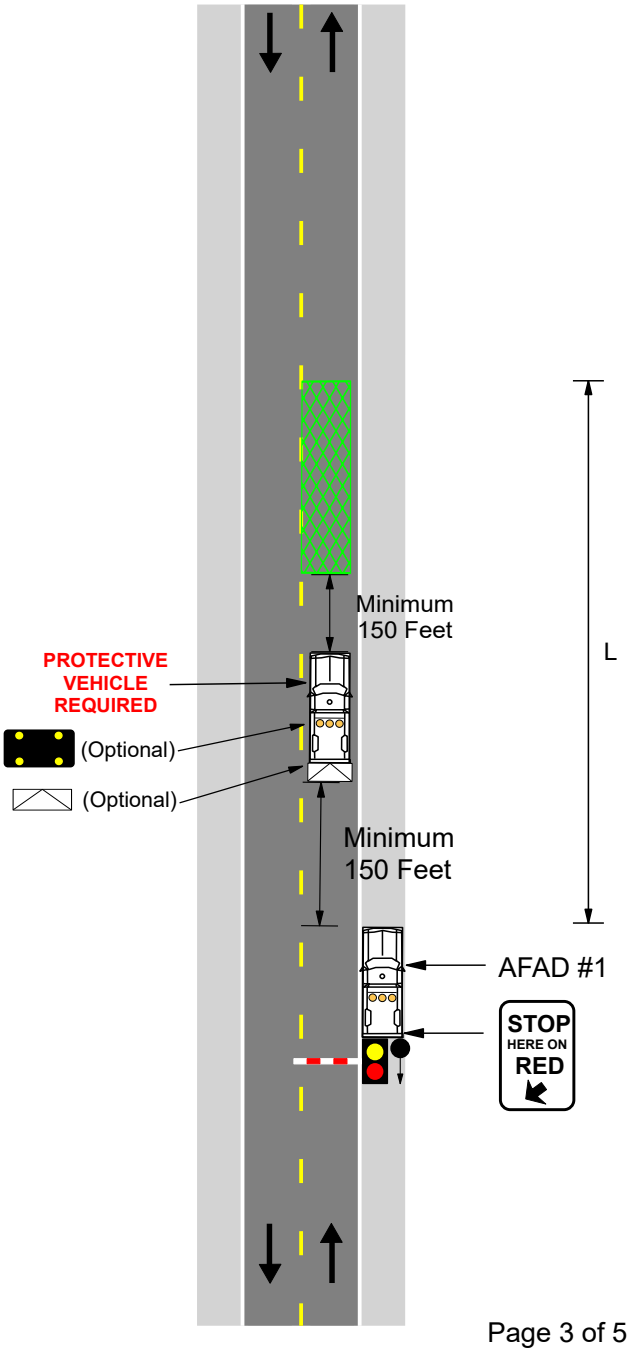
616.8.10SDAFAD (TA-10SDAFAD) Short Duration Lane Closure on a Two-Lane Highway using Automated Flagger Assistance Devices (AFADs)

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

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)
URBAN	1' Portable 7' Post	1 Mi.
RURAL TWO-LANE TWO-WAY ROADWAY	1' Portable 5' Post	3 Mi.
VEHICLE	48 Inches Recommended	-

Sign
Flashing Arrow Panel
Flagger
Protective Vehicle
Truck/Trailer Mounted Attenuator (TMA)
Work Space



Date:

Type of Work:

Location:

Work Zone Specialist:

Field Notes:

616.8.10SDAFAD (TA-10SDAFAD) Short Duration Lane Closure on a Two-Lane Highway using Automated Flagger Assistance Devices (AFADs)

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40-45	-	-	-	-	-	-
50-55	-	-	-	-	-	-
60-70	-	-	-	-	-	-

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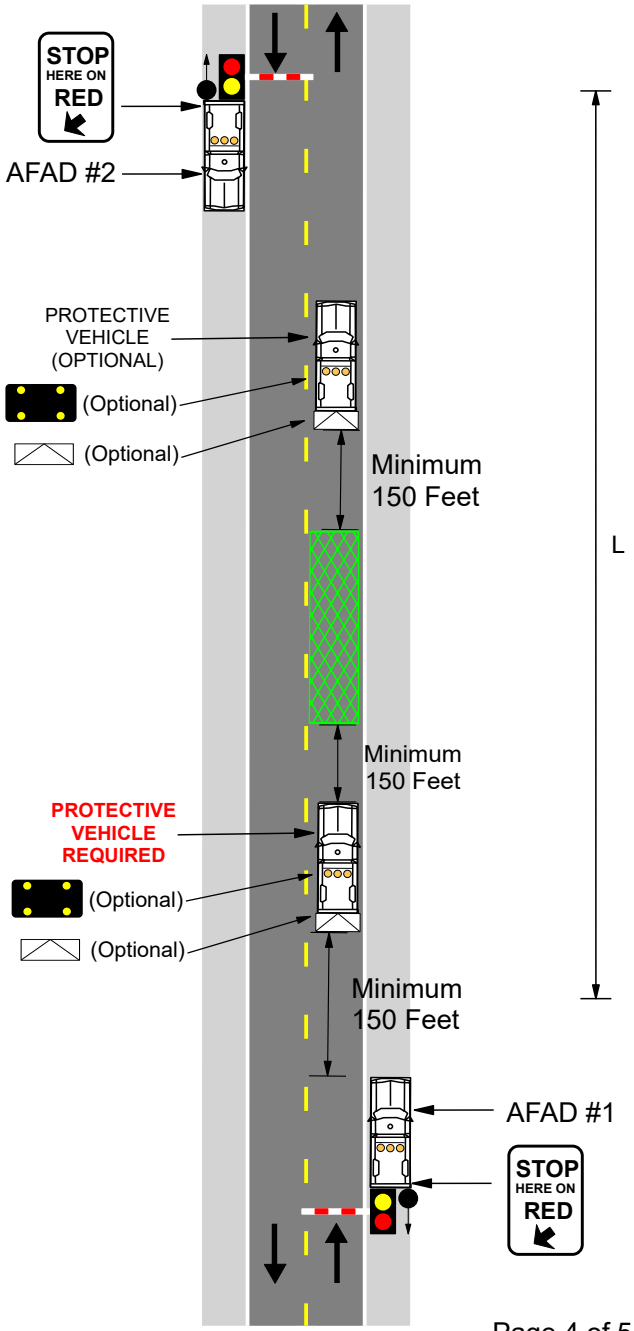

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Permanent Posted (mph)	Two-Lane Two-Way (S)	Shoulder (1) (T1)	Lane (2) (T2)	Buffer Length (ft.) (B)	Tapers	Buffer/ Work Areas
0-35	200	-	-	-	-	-
40-45	350	-	-	-	-	-
50-55	500	-	-	-	-	-
60-70	1000	-	-	-	-	-

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

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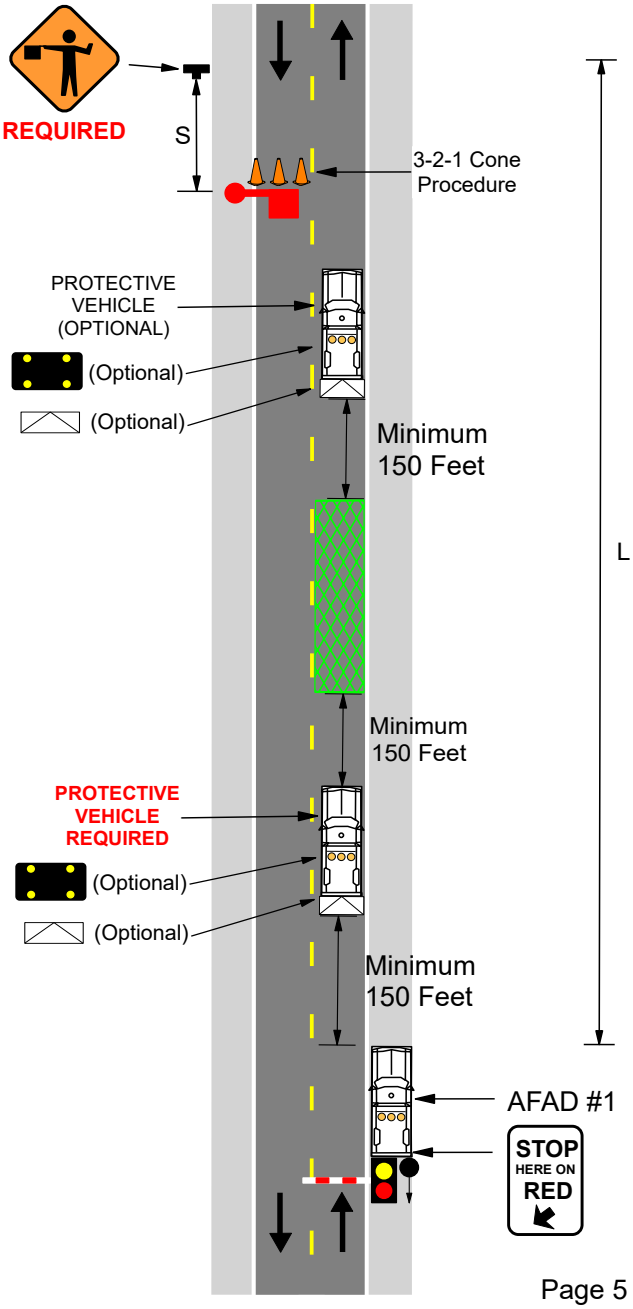

Date:

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