616.8.10SAFAD (TA-10SAFAD) Stationary Lane Closure on a Two-Lane Highway using Automated Flagger Assistance Devices (AFADs)

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.
- 2. Channelizers may be reduced or eliminated.

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.
- Consider using a pilot vehicle for lengthy or difficult work zones to navigate.

AFAD operators:

- 1. Maintain an unobstructed view of the AFAD they are controlling.
- 2. Maintain an unobstructed view of approaching traffic.
- Do not use AFADs for long-term stationary operations.

Notes:

- 1. Flaggers 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.

If an AFAD becomes inoperable, refer to:

1. EPG 616.8.10S (TA-10S) Stationary Lane Closure on a Two-lane Highway using Flaggers.

For other operations, refer to:

• Short Duration (60 minutes or less):

- 1. EPG 616.8.10SD (TA-10SD) Short Duration Lane Closure on a Two-Lane Highway using Flaggers.
- 2. EPG 616.8.10TMASD (TA-10TMASD) Short Duration Lane Closure on a Two-Lane Highway using TMA Flaggers.
- 3. EPG 616.8.10SDAFAD (TA-10SDAFAD) Short Duration Lane Closure on a Two-Lane Highway using Automated Flagger Assistance Devices.

• Long-term Stationary Operations:

1. EPG 616.8.12 (TA-12) Lane Closure on a Two-Lane Highway using Traffic Control Signals.

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616.8.10SAFAD (TA-10SAFAD) Stationary 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	Undivided	Shoulder (1)	Lane (2)	Buffer	Tapers	Buffer/
Posted	(S)	(T1)	(T2)	Length (ft.)		Work Areas
(mph)		, ,	()	(B)		
0-35	200	35	100	250	25	40
40-45	350	35	100	360	25	80
50-55	500	35	100	495	25	80
60-70	1000	35	100	730	25	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 MAXIMUM WORK ZONE Channelizer HEIGHT Protective Vehicle (MINIMUM) LENGTH (L) Sign Flashing Arrow Panel Truck/Trailer Mounted 1' Portable URBAN 1 Mi. Attenuator (TMA) 7' Post 1' Portable 5' Post Work Space RURAL UNDIVIDED 3 Mi. Automated Flagger Assistance Device Date: Type of Work: S Channelizing Devices
on Centerline Location: STOP (optional) Work Zone Specialist: RED Maximum Maximum 75 Feet 75 Feet Field Notes: 150 T1 Feet T2 PILOT CAR IN USE 1/2 mile WAIT & FOLLOW Maximum Length Recommended During when operated by Pilot Car Operations a single human flagger Minimum Length of L if two human 150 Feet **PROTECTIVE** VEHICLE flaggers are controlling the **REQUIRED** operation. (Optional) (Optional) T2 T1 150 Feet Maximum STOP 75 Feet RED **Channelizing Devices** K on Centerline S (optional) R10-6 WO3-4 WO20-4 Page 2 of 2

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