616.8.22SD (TA-22SD) Short Duration Right Lane Closure at an Intersection

- **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 sign is optional:**
    1. Use EPG 616.33SD (TA-33SD) Short Duration Lane Closure on a Multi-Lane Highway for setting advance warning signs.

- **Always use a protective vehicle with a flashing arrow panel (FAP). 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. Operate the FAP with the appropriate arrow mode.

- **For roadways posted at 45 mph or less, a work vehicle may be used as the protective vehicle.**
    1. Activate high intensity rotating, flashing, oscillating, or strobe lights.
    2. Position the work vehicle/protective vehicle a minimum of 150 feet in advance of the work space, if possible.
    3. Equip the vehicle with a FAP and operate the flashing arrow panel (FAP) with the appropriate arrow mode.
    4. Once you exit the work vehicle, return only when adjusting position or ready to leave the work location.

- **Consider using channelizers to deter motorists from entering the work space.**

- **Do not set-up a work zone if it conflicts with the signal lights, contact the appropriate district personnel.**

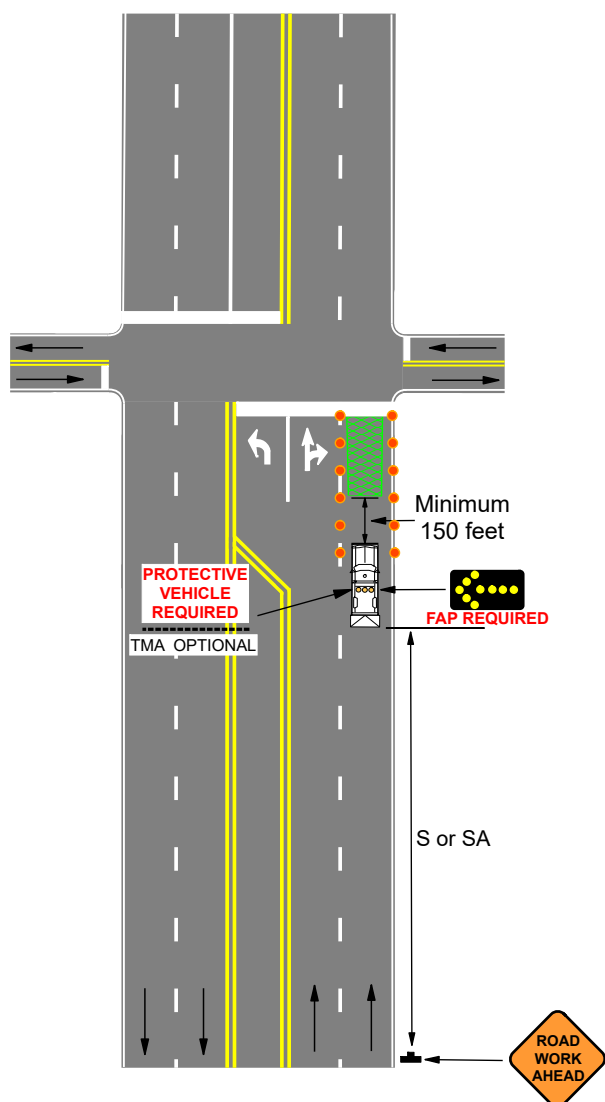| For other operations, refer to: |
| --- |
| - **Mobile:**
　1. EPG 616.35M (TA-35M) Mobile Operation on a Multi-Lane Highway.
- **Stationary:**
　1. EPG 616.8.22S (TA-22S) Stationary Right Lane Closure at an Intersection.
- **Nighttime Operations:**
　1. EPG 616.6.83 Warning Lights for use of sequential lights.
- **Speed Limit Guidance:**
　1. EPG 616.12 Work Zone Speed Limits for speed limit guidelines.
- **If work space extends across the crosswalk:**
　1. EPG 616.29 (TA-29) Crosswalk Closures and Pedestrian Detours. |

616.8.22SD (TA-22SD) Short Duration Right Lane Closure at an Intersection

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		RECOMMENDED	CHANNELIZER SPACING	
Normal Posted (mph)	Undivided (S)	Divided (S)	Shoulder (1) (T1)	Lane (2) (T2)	Buffer Length (ft.) (B)	Tapers (ft.)	Buffer/ Work Areas (ft.)
0-35	200	200	-	-	250	-	40
40-45	350	500	-	-	360	-	80
50-55	500	1000	-	-	495	-	80
60-70	1000	SA - 1000	-	-	730	-	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)
URBAN	1' Portable 7' Post	1 Mi.
RURAL DIVIDED	1' Portable 7' Post	2 Mi.
RURAL UNDIVIDED	1' Portable 5' Post	3 Mi.
VEHICLE	48 Inches Recommended	-

● Channelizer

Flashing Arrow Panel (FAP)

Protective Vehicle

Sign

Work Space

Truck/Trailer Mounted Attenuator (TMA)

Date:

Type of Work:

Location:

Work Zone Specialist:

Field Notes:

Near Side of Intersection

Minimum 150 feet

PROTECTIVE VEHICLE REQUIRED

TMA OPTIONAL

FAP REQUIRED

S or SA

L

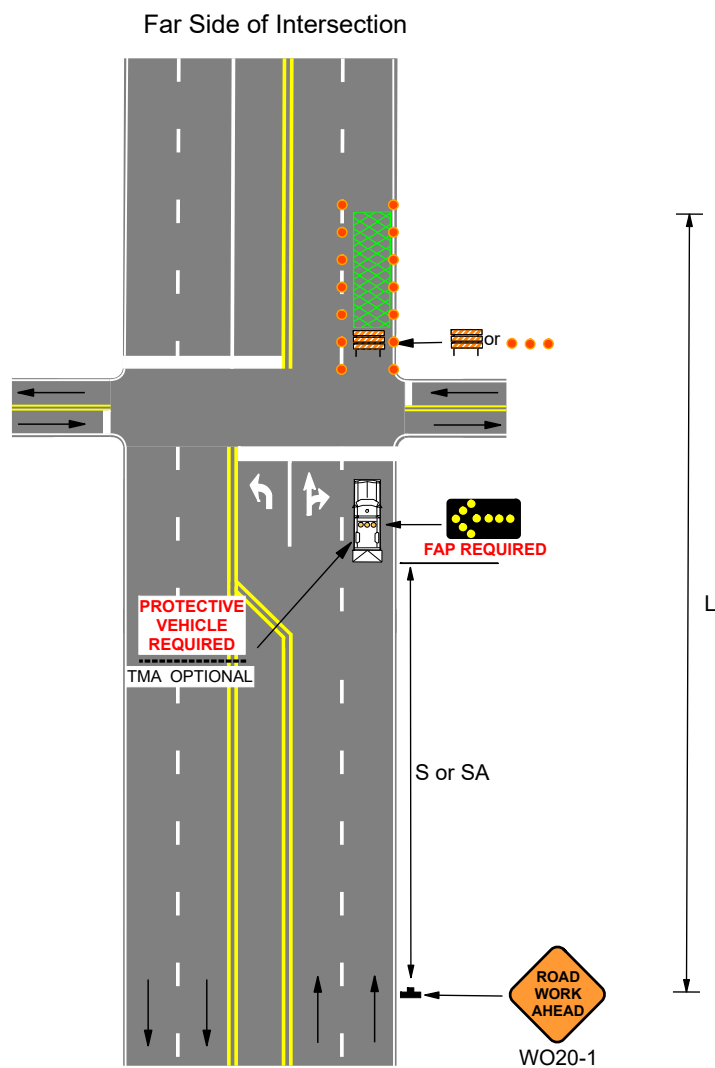ROAD WORK AHEAD

616.8.22SD (TA-22SD) Short Duration Right Lane Closure at a Intersection

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		RECOMMENDED	CHANNELIZER SPACING	
Normal Posted (mph)	Undivided (S)	Divided (S)	Shoulder (1) (T1)	Lane (2) (T2)	Buffer Length (ft.) (B)	Tapers (ft.)	Buffer/ Work Areas (ft.)
0-35	200	200	-	-	250	-	40
40-45	350	500	-	-	360	-	80
50-55	500	1000	-	-	495	-	80
60-70	1000	SA - 1000	-	-	730	-	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)
URBAN	1' Portable 7' Post	1 Mi.
RURAL DIVIDED	1' Portable 7' Post	2 Mi.
RURAL UNDIVIDED	1' Portable 5' Post	3 Mi.
VEHICLE	48 Inches Recommended	-

● Channelizer

▬ Sign

▭ Type 3 Barricade

▦ Flashing Arrow Panel (FAP)

▩ Work Space

▭ Protective Vehicle

▱ Truck/Trailer Mounted Attenuator (TMA)

Date:

Type of Work:

Location:

Work Zone Specialist:

Field Notes:

Far Side of Intersection

or ● ● ●

L

FAP REQUIRED

PROTECTIVE VEHICLE REQUIRED

TMA OPTIONAL

S or SA

ROAD WORK AHEAD

WO20-1