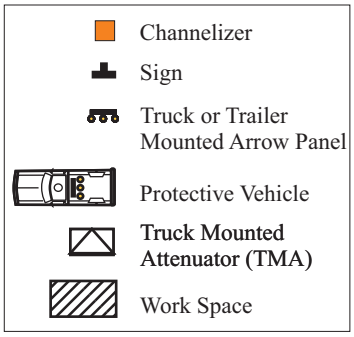
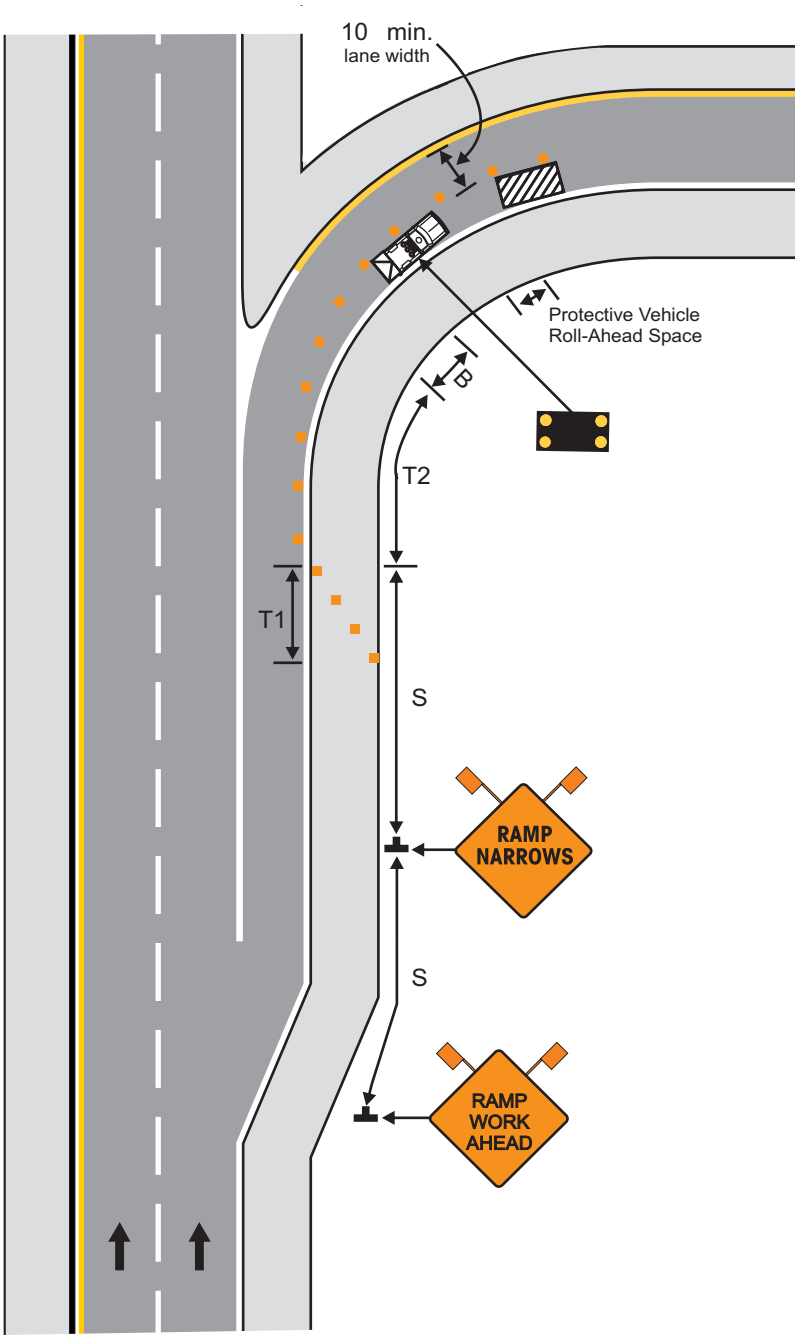
616.23.3.20 (TA-20) Work on Ramps

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL BUFFER LENGTH (ft.) (B)	CHANNELIZER SPACING (ft.)	
	Undivided (S)	Divided (S)	Shoulder[1] (T1)	Lane[2] (T2)		Tapers	Buffer/ Work Areas
0-35	-	200	70	245	120	35	50
40-45	-	500	150	540	220	40	100
50-55	-	1000	185	660	335	50	100
60-70	-	1000	235	840	550	60	100

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

ROADWAY TYPE	SIGN HEIGHT	MAXIMUM WORK ZONE LENGTH (L)
URBAN	1' Portable 7' Post	1 Mi.
RURAL UNDIVIDED	1' Portable 5' Post	3 Mi.





This typical application is applicable to work being performed on ramps only. For work affecting acceleration and deceleration lanes, refer to **616.23.3.17 (TA-17) Work in Vicinity of Exit Ramp, 616.23.3.18 (TA-18) Work in Vicinity of Entrance Ramp or 616.23.3.19 (TA-19) Lane Closure at Interchange**.

A protective vehicle **shall** be used when work is in progress. The protective vehicle **should** be equipped with a TMA and positioned at least 150 ft. in advance of the work space.

The ramp lane **shall** be provided with a 10 ft. minimum driving surface at all times. This may include a portion of the shoulder, provided the shoulder is of adequate strength to handle traffic.

For long-term operations, refer to 616.23.3.9 (TA-9) Lane Closure on Two-Lane Highways Using Traffic Control Signals and 616.23.2.5.1.4 Flags and Advance Warning Rail System.