

LEGEND

- WORK AREA
- BARRICADE - TYPE I, TYPE II, VERTICAL PANEL, OR BARREL
- BARRICADE - TYPE III
- VERTICAL PANEL
- WARNING SIGN
- DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
- FLAGMAN POSITION
- SPACING BETWEEN BARRICADES - A DISTANCE MEASURED IN FEET EQUAL TO THE STREET LIMIT OF THE STREET
- TAPER LENGTH - SEE CHART BELOW

THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

TAPER REQUIREMENT

SPEED LIMIT (MPH)	TAPER LENGTH(L) (FEET)		MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET
	10' LANE	11' LANE		
20	70	75	5	20
25	105	115	6	25
30	150	165	7	30
35	205	225	8	35
40	270	295	9	40
45	450	495	13	45
50	500	550	13	50
55	550	605	13	55

TAPER CRITERIA

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

SPEED MILES PER HOUR	MINIMUM DISTANCE IN FEET BETWEEN SIGNS	FROM LAST SIGN TO TAPER
0-20	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT
30-35	10 X SPEED LIMIT	10 X SPEED LIMIT
40-45	10 X SPEED LIMIT	10 X SPEED LIMIT
50-60	10 X SPEED LIMIT	10 X SPEED LIMIT

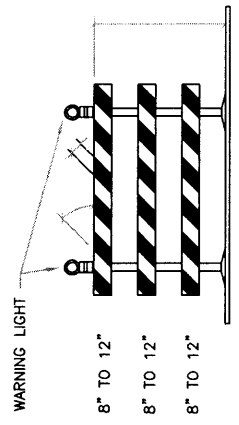
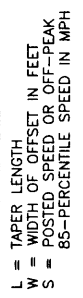
TAPER LENGTH COMPUTATION

UPSTREAM TAPER: MERGING TAPER, SHIFTING TAPER, SHOULDER TAPER, TWO-WAY TRAFFIC TAPER, DOWNSTREAM TAPERS

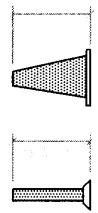
SPEED LIMIT
 40 MPH OR LESS: $L = \frac{WS^2}{60}$
 40 MPH OR GREATER: $L = W \times S$

L = TAPER LENGTH
 W = WIDTH OF OFFSET IN FEET
 S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH

TRAFFIC CONTROL ELEMENTS

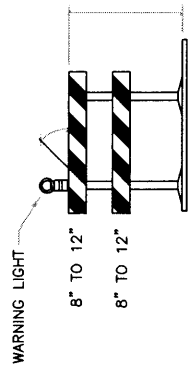


TYPE III BARRICADE



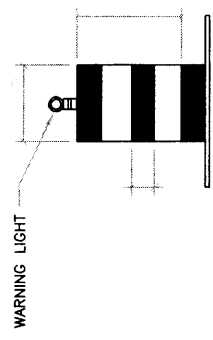
CONES

NOTE: STRIPES SHALL SLOPE DOWNWARD TOWARD DIRECTION OF TRAVEL

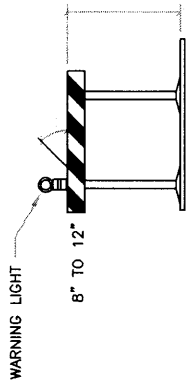


TYPE II BARRICADE COLLAPSIBLE

NOTE: STRIPES SHALL SLOPE DOWNWARD TOWARD DIRECTION OF TRAVEL

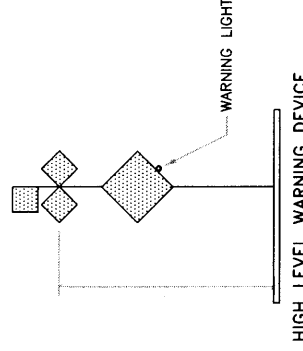


BARREL

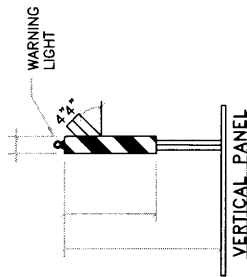


TYPE I BARRICADE COLLAPSIBLE

NOTE: STRIPES SHALL SLOPE DOWNWARD TOWARD DIRECTION OF TRAVEL



HIGH LEVEL WARNING DEVICE



VERTICAL PANEL

NOTE: STRIPES SHALL SLOPE DOWNWARD TOWARD DIRECTION OF TRAVEL

REVISIONS	NM APWA
	TEMPORARY TRAFFIC CONTROL STANDARDS