

Table 6H-2. Meaning of Symbols on Typical Application Diagrams

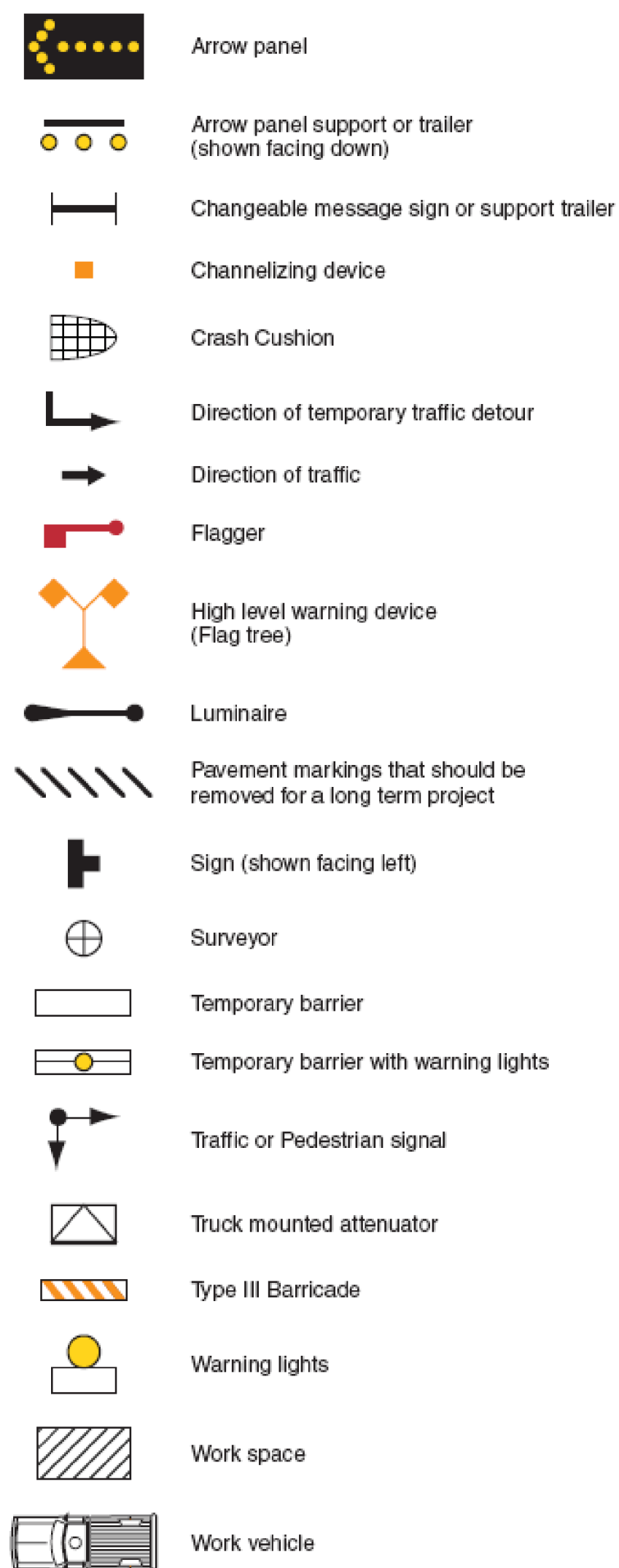


Figure 6E-1. Use of Hand-Signaling Devices by Flaggers

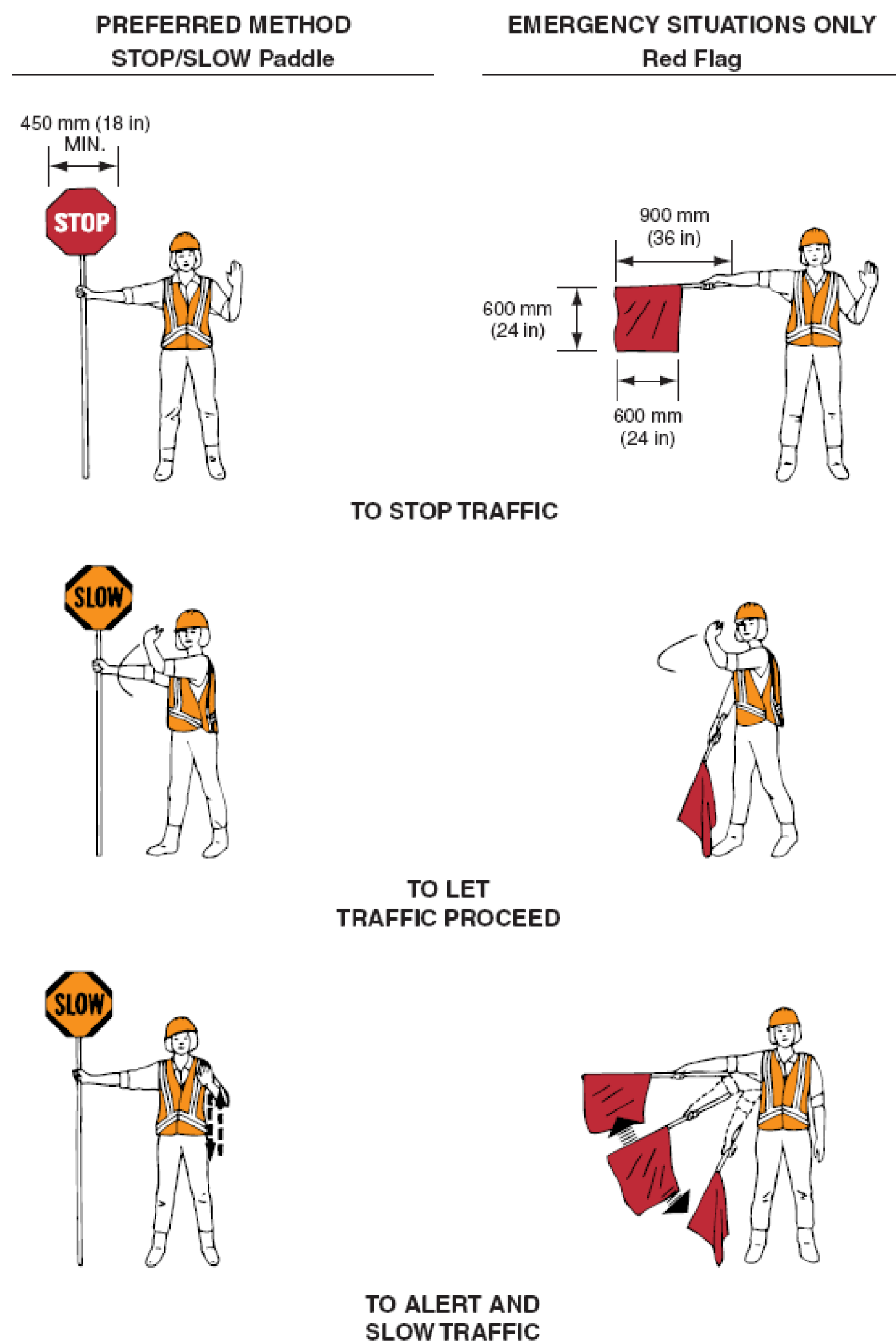


Figure 6C-2. Types of Tapers and Buffer Spaces

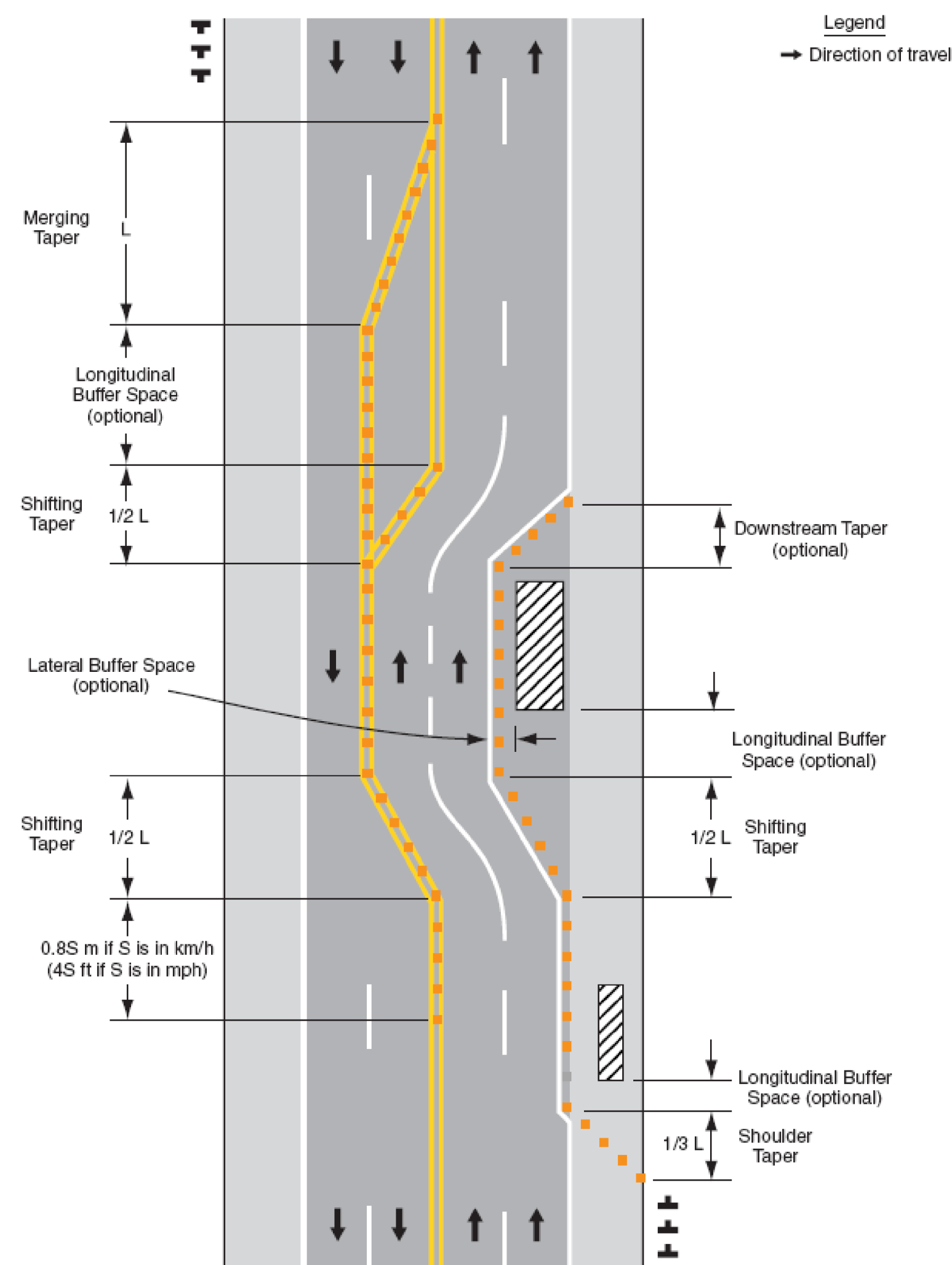


Figure 6H-1. Work Beyond the Shoulder (TA-1)

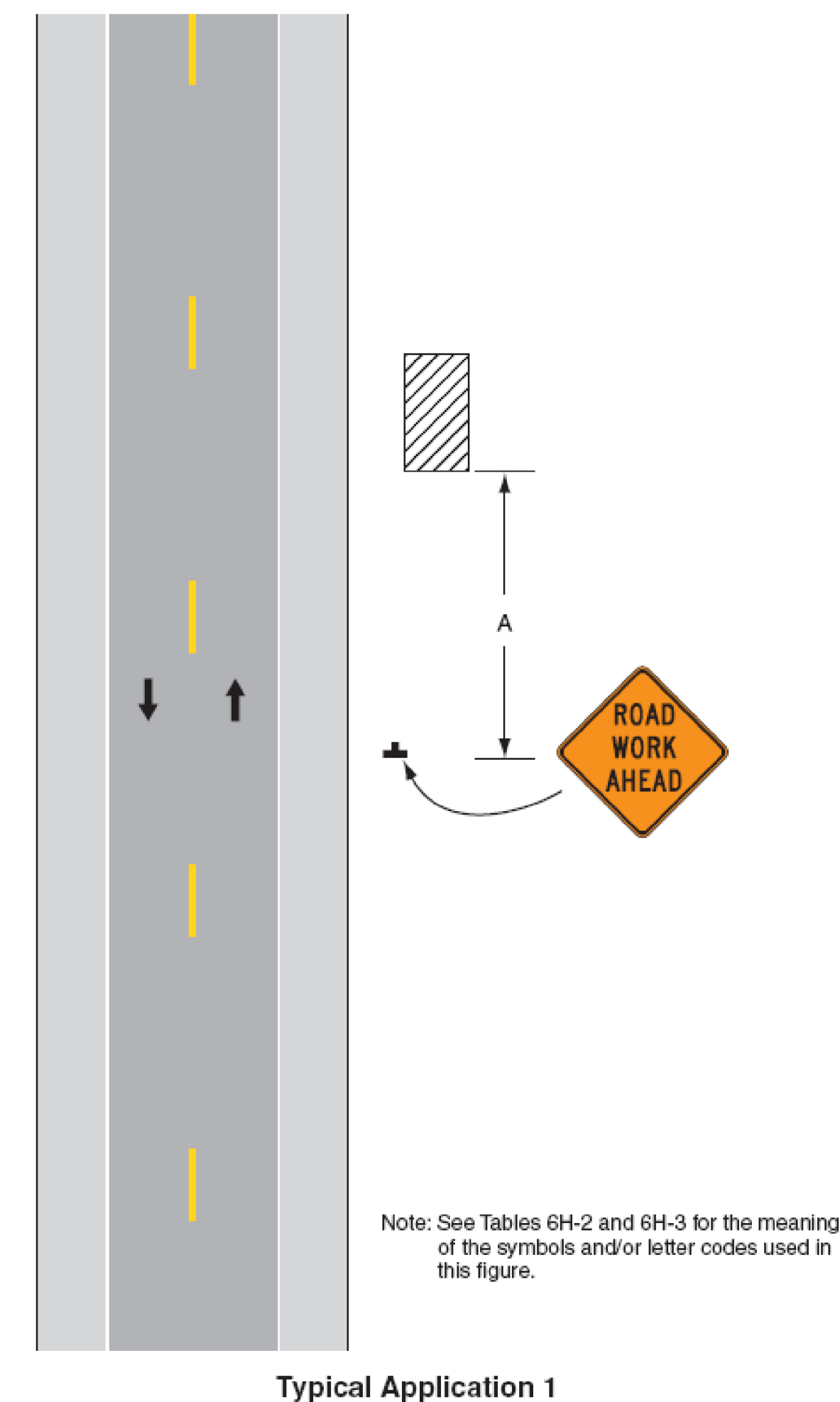


Table 6C-3. Taper Length Criteria for Temporary Traffic Control Zones

Type of Taper	Taper Length (L)*
Merging Taper	at least L
Shifting Taper	at least 0.5L
Shoulder Taper	at least 0.33L
One-Lane, Two-Way Traffic Taper	30 m (100 ft) maximum
Downstream Taper	30 m (100 ft) per lane

Table 6H-3. Meaning of Letter Codes on Typical Application Diagrams

Road Type	Distance Between Signs**		
	A	B	C
Urban (low speed)*	30 (100)	30 (100)	30 (100)
Urban (high speed)*	100 (350)	100 (350)	100 (350)
Rural	150 (500)	150 (500)	150 (500)
Expressway / Freeway	300 (1,000)	450 (1,500)	800 (2,640)

Figure 6F-7. Channelizing Devices (Sheet 1 of 2)

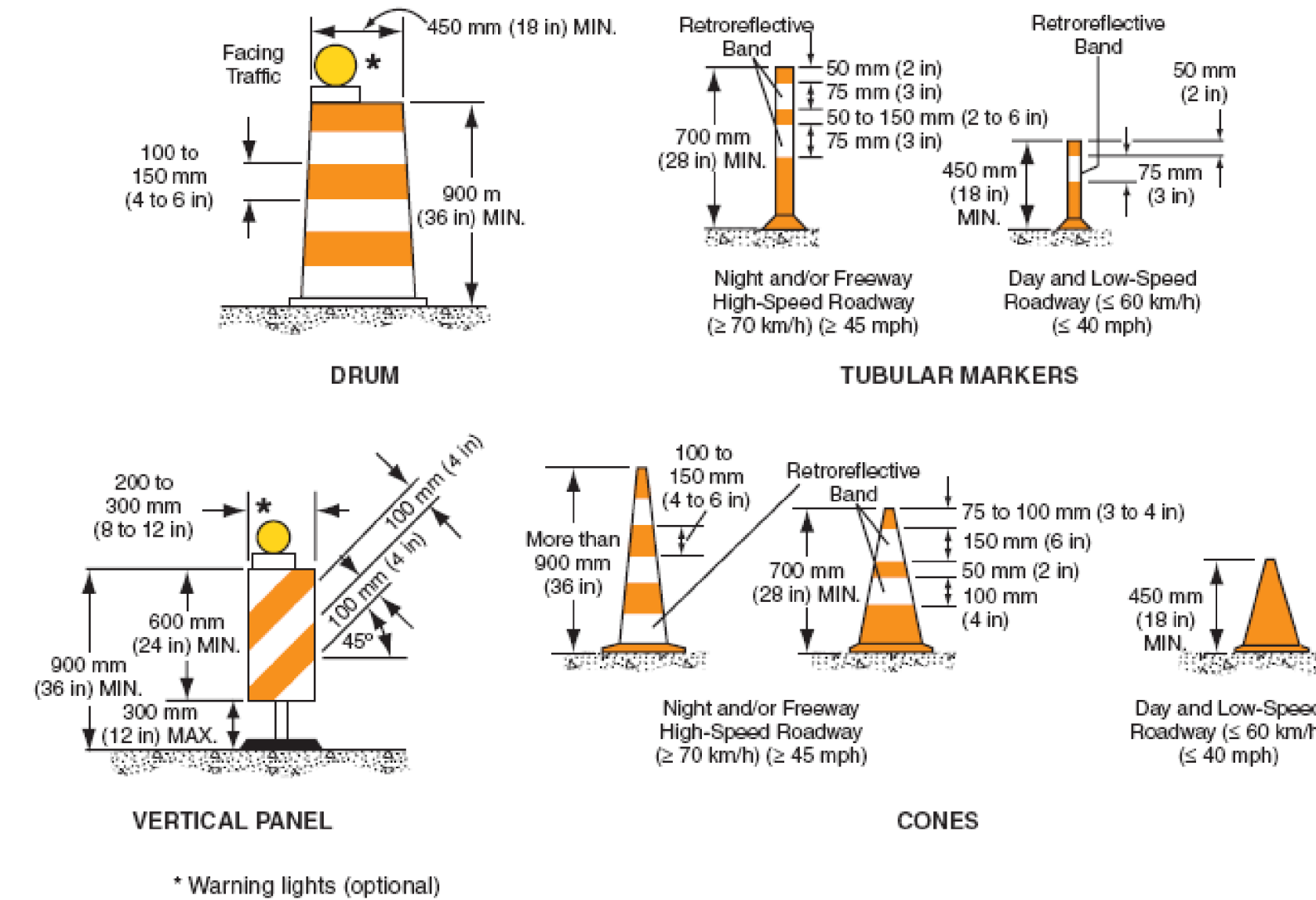


Table 6C-4. Formulas for Determining Taper Lengths

Speed Limit (S)	Taper Length (L) Meters	Speed Limit (S)	Taper Length (L) Feet
60 km/h or less	$L = \frac{WS^2}{155}$	40 mph or less	$L = \frac{WS^2}{60}$
70 km/h or more	$L = \frac{WS}{1.6}$	45 mph or more	$L = WS$

* Speed category to be determined by highway agency
 ** Distances are shown in meters (feet). The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-46. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The third sign is the first one in a three-sign series encountered by a driver approaching a TTC zone.)

Where: L = taper length in meters (feet)
 W = width of offset in meters (feet)
 S = posted speed limit, or off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in km/h (mph)

Note: If drums, cones, or tubular markers are used to channelize pedestrians, they shall be located such that there are no gaps between the bases of the devices, in order to create a continuous bottom, and the height of each individual drum, cone, or tubular marker shall be no less than 900 mm (36 in) to be detectable to users of long canes.

NOTE:
 ALL TYPICAL APPLICATIONS TAKEN FROM PART #6
 OF THE 2003 EDITION OF THE MANUAL ON UNIFORM
 TRAFFIC CONTROL DEVICES

PROJECT NAME:	PUTNEY	
PROJECT NUMBER:	STPG SIGN (I3)	
FILE NAME:	STPG SIGN (I3).DGN	PLOT DATE: 12-DEC-2008 13:2
PROJECT LEADER:	N. AVERY	DRAWN BY: N. AVERY
DESIGNED BY:	N. AVERY & M. MILLER	CHECKED BY: A. GAMBLE
SIGN(I3)TTCOI		SHEET 37 OF 38