TABLE 4. Taper length (L) / Channelizer (cones, etc.) quantity Index

MPH	WIDTH OF LANE OFFSET (From Normal Lane Width Due To Work Zone)													
	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'	17'	18'
30	75'	90'	105'	120'	135'	150'	165'	180'	195'	210'	225'	240'	255'	270'
	(3)	(3)	(4)	(5)	(5)	(6)	(6)	(7)	(7)	(8)	(8)	(9)	(9)	(10)
35	102'	123'	143'	163'	184'	204'	225'	245'	265'	286'	306'	327'	347'	368'
	(3)	(4)	(4)	(5)	(6)	(6)	(7)	(8)	(8)	(9)	(9)	(10)	(10)	(11)
40	133'	160'	187'	213'	240'	267'	293'	320'	347'	373'	400'	427'	453'	480'
	(4)	(5)	(5)	(6)	(7)	(7)	(8)	(8)	(9)	(9)	(10)	(11)	(11)	(12)
45	225'	270'	315'	360'	405'	450'	495'	540'	585'	630'	675'	720'	765'	810'
	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
50	250'	300'	350'	400'	450'	500'	550'	600'	650'	700'	750'	800'	850'	900'
	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(18)	(19)	(20)
55	275'	330'	385'	440'	495'	550'	605'	660'	715'	770'	825'	880'	935'	990'
	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
60	300'	360'	420'	480'	540'	600'	660'	720'	780'	840'	900'	960'	1020'	1080'
	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
65	325'	390'	455'	520'	585'	650'	715'	780'	845'	910'	975'	1040'	1105'	1170'
	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)

FOR LENGTHS NOT SHOWN ABOVE

L = W x S x S/60 FOR 40 MPH OR LESS
L = W x S FOR 45 MPH OR MORE

L = MINIMUM LENGTH OF TAPER
W = WIDTH OF OFFSET
S = SPEED LIMIT

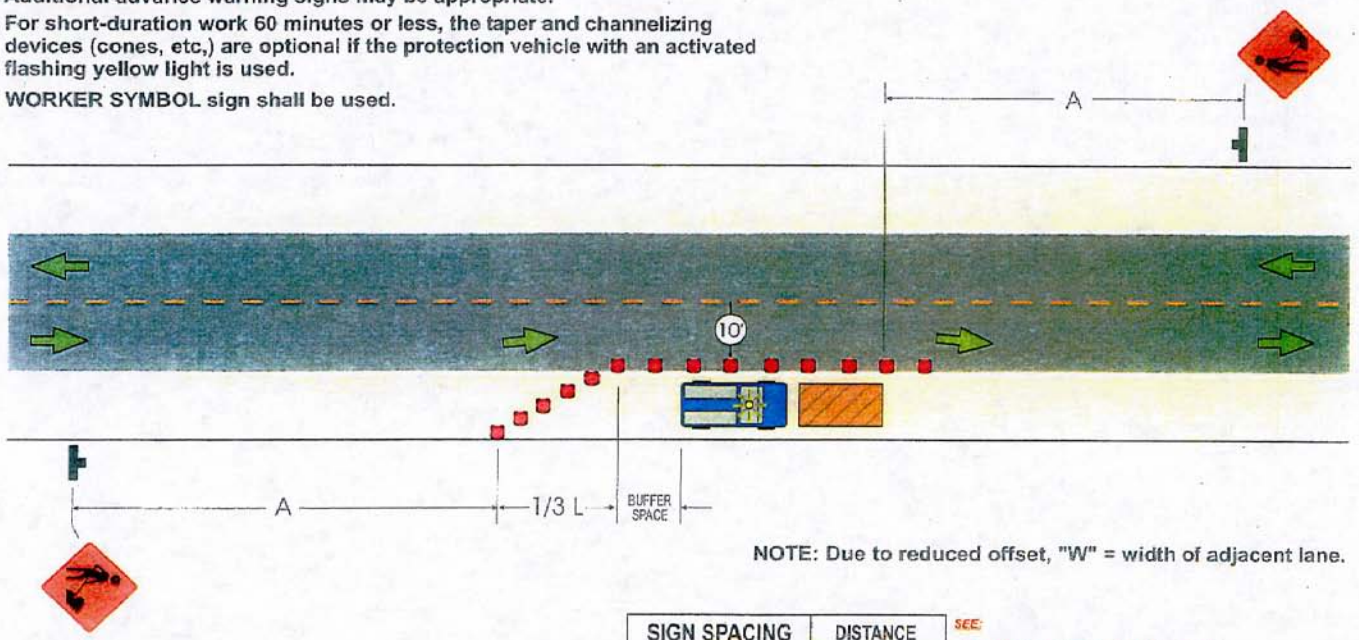
TAPER LENGTHS
(MIN # OF CHANNELIZERS)

When using Shoulder Taper (1/3 L), determine L based on the actual lane width of the adjacent lane.

© Copyright 2002 InCom, Inc. All rights reserved.
NOTE: Local regulations may vary.

UTA-3 Shoulder Work with Minor Encroachment

1. May be used on a minor road having low speed volume. For higher speed traffic conditions, a lane closure should be considered.
2. The lane must be at least 10' wide
3. Where the opposite shoulder is suitable for carrying traffic and of adequate width, traffic lanes may be shifted by use of closely spaced channelizing devices, provided 10-foot-wide lanes are maintained.
4. Additional advance warning signs may be appropriate.
5. For short-duration work 60 minutes or less, the taper and channelizing devices (cones, etc,) are optional if the protection vehicle with an activated flashing yellow light is used.
6. WORKER SYMBOL sign shall be used.



NOTE: Due to reduced offset, "W" = width of adjacent lane.

SIGN SPACING	DISTANCE
ROAD TYPE	A
Urban - 25 MPH or less	200'
Urban - 30 MPH or more	350'
Rural	500'
Expressway/Freeway	1000'

SEE:
- TABLE 1 for Buffer Length (page 26)
- TABLE 4 for "L" & Channelizer (cones, etc.) Quantity (page 28)

NOTE: LOCAL REGULATIONS MAY VARY.

PGEFM1A

© Copyright 2002 InCorn, Inc. All rights reserved.