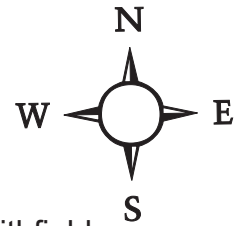


ROAD TYPE	POSTED SPEED MPH (S)	MINIMUM TAPER LENGTH (L)		LENGTH OF BUFFER (BZ)		MINIMUM SIGN SPACING (SS)				ONE LANE TWO-WAY FLAGGING
		12' LANE CLOSURE	DESIRABLE	A	B	C	D	feet		
CONVENTIONAL	30 AND LOWER	feet	feet	feet	feet	feet	feet	feet	feet	50
	35	180	200	100						
	40	245	250	350	350	350	175			
	45	320	305							
	50	540	360							
	55	600	425							
	60	660	495	500	500	500	250		100	
FREEWAY / EXPRESSWAY	65	720	570							
	65	780	645							
	65	780	645							
	70	840	730	1000	1640	2640	500			
	75	900	820							

SPEED	FORMULA
FOR SPEEDS OF 40 MPH AND LESS	$L = \frac{WS^2}{60}$
FOR SPEEDS OF 45 AND GREATER	$L = W \times S$

WHERE:
 L = TAPER LENGTH IN FEET
 W = WIDTH OF OFFSET FEET
 S = SPEED IN MPH
 1/3 L = FOR SHOULDER CLOSURE TAPER
 1/4 L = FOR LANE SHIFT TAPER



47 N 100 W Smithfield



TECHNICAL AND SHIFTING TAPERS. USE A MINIMUM OF 1 DEVICE PER FOOT OF LANE CLOSURE, PLUS 1 ADDITIONAL DEVICE TO START.

- B) SHOULDER, ONE-LANE, TWO-WAY AND DOWNSTREAM TAPERS: USE A MINIMUM OF 1 DEVICE PER 3 FEET OF WIDTH (OR PORTION THEREOF). PLUS 1 ADDITIONAL DEVICE TO START.
- C) ON TANGENT: $S \times 2 = \text{SPACING}$ UP TO 120 FEET MAXIMUM.
- D) LENGTH OF BUFFER ZONE (BZ) IS THE DISTANCE FROM END OF LANE CLOSURE TAPER TO WORK SPACE, OR ANY OBSTRUCTION PRIOR TO WORK SPACE.

UDOT & ATSSA
 Certified
NOT TO SCALE



TRAFFIC SAFETY RENTALS
 801-627-1970

Devices meet MUTCD standards.
 Devices are INCHRP 650 approved.

Project Name		Work Order Number	
Prime Contractor DWA Construction		Traffic Control Contractor Traffic Safety Rentals	
Phone	Sheet Number 1	Date	
Prepared By		Traffic Safety Rentals	