

LAST	S	DESCRIPT
REVISION	SI	
11/01/17	EVI	



FY 2018-19 STANDARD PLANS

MULTILANE, WORK IN INTERSI TWO LANES CLOSED - 45 MPH (

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH ON THE PAVEMENT REQUIRING THE CLOSURE OF EITHER THE OUTSIDE AND CENTER TRAVEL LANES OR THE MEDIAN AND CENTER TRAVEL LANES, WITH OR WITHOUT CLOSURE OF ADJOINING AUXILIARY LANES, FOR WORK AREA LESS THAN 200' FROM INTERSECTION, FOR A PERIOD OF MORE THAN 60 MINUTES.

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Table II Taper Length - Merge (12' Lateral Transition)			
Speed	L	Notes	
(mph)	(ft.)	(Merge)	
25	125		
30	180	$L = \frac{WS^2}{60}$	
35	245	60	
40	320		
45	540	L = WS	

For lateral transitions other than 12', use formula for L shown in the notes column. Where:

- L = Length of taper in feet
- W = Width of lateral transition in feet
- S = Posted speed limit (mph)

ECTION DR LESS	INDEX	SHEET
	102-618	1 of 1