## DROP-OFF PROTECTION BETWEEN TRAVEL LANE AND SHOULDER / EDGE OF PAVEMENT FIG 55.2B FROM CHAPTER 55 (BDE MANUAL, 2010)

DROP-OFF LOCATION	NORMAL POSTED SPEED	DROP-OFF HEIGHT (X) AND TYPE	TREATMENT REQUIRED					
≤ 3 FT <sup>(1)(2)</sup>	ALL -	≤ 1 IN	NONE					
	ALL	1 IN < X ≤ 3 IN	LOW SHOULDER SIGNS (2 MILE SPACING)					
	< 45 MPH	3 IN < X ≤ 18 IN	PLACE CHANNELIZING DEVICES AT 50-FT SPACING					
	≥ 45 MPH	3 IN < X ≤ 12 IN	PLACE CHANNELIZING DEVICES AT 100-FT SPACING					
	< 45 MPH	18 IN < X $\leq$ 24 IN FOR < 0.5 MILE OR < 48 HOURS <sup>(4)</sup>	PLACE CHANNELIZING DEVICES AT 50-FT SPACING					
	≥ 45 MPH	12 IN < X $\leq$ 18 IN FOR < 0.5 MILE OR < 48 HOURS	PLACE CHANNELIZING DEVICES AT 100-FT SPACING					
	≥ 45 MPH	12 IN < X $\leq$ 24 IN FOR > 0.5 MILE OR > 48 HOURS	CLOSURE USING TEMPORARY TRAFFIC BARRIER					
	< 45 MPH	$18 \text{ IN} < X \le 24 \text{ IN}^{(5)}$	CLOSURE USING TEMPORARY TRAFFIC BARRIER					
	≥ 45 MPH	18 IN < X $\le$ 24 IN FOR < 0.5 MILES OR < 48 HOURS <sup>(5)</sup>	CLOSURE USING TEMPORARY TRAFFIC BARRIER					
	ALL	> 24 IN <sup>(5)</sup>	CLOSURE USING TEMPORARY TRAFFIC BARRIER					
3 FT < X ≤ 8 FT <sup>(3)</sup>		≤ 1 IN	NONE					
	ALL -	1 IN < X ≤ 3 IN	LOW SHOULDER SIGNS (2 MILE SPACING)					
	< 45 MPH	$3 IN < X \le 24 IN^{(4)}$	PLACE CHANNELIZING DEVICES AT 50-FT SPACING					
	≥ 45 MPH	3 IN < X ≤ 24 IN	PLACE CHANNELIZING DEVICES AT 100-FT SPACING					
	ALL	24 IN <sup>(5)</sup>	CLOSURE USING TEMPORARY TRAFFIC BARRIER					
>8 FOOT TO THE WORK ZONF <sub>IS</sub> CLEAR ZONE	< 45 MPH	$12 \text{ IN} < X \le 24 \text{ IN}^{(4)}$	PLACE CHANNELIZING DEVICES AT 50-FT SPACING					
	≥ 45 MPH	12 IN < X ≤ 24 IN	PLACE CHANNELIZING DEVICES AT 100-FT SPACING					
	ALL	> 24 IN <sup>(5)</sup>	CLOSURE USING TEMPORARY TRAFFIC BARRIER					

NOTES:

(3)

PLACE CHANNELIZING DEVICES AND/OR TEMPORARY BARRIER AT THE SAME LEVEL AS THE TRAVELING LANE OR SHOULDER PROFILE

<sup>(2)</sup> CHANNELIZING DEVICES MAY BE PLACED AT THE DROP-OFF ELEVATION TO PRESERVE LANE WIDTH. RAISE THE REFLECTIVE AREA AND WARNING LIGHT (IF REQUIRED) TO THE ELEVATION ABOVE THE TRAVELING LANE OR

SHOULDER PROFILE AS PER HIGHWAY STANDARD 701901.

- PLACE CHANNELIZING DEVICES OR TEMPORARY BARRIER AT SAME LEVEL AS THE SIDE SLOPE PROFILE TO BE FULLY VISIBLE.
- (4) LENGTH AND DURATION MAY BE EXCEEDED FOR URBAN AREAS WHEN ENGINEERING JUDGEMENT INDICATES SIGHT DISTANCE WILL BE ADVERSELY AFFECTED BY TEMPORARY BARRIER.
- <sup>(5)</sup> TEMPORARY TRAFFIC BARRIER MAY BE ELIMINATED FOR STATIONARY OPERATIONS OF LESS THAN 24 HOURS FOR MULTILANE, AND MAY BE ELIMINATED FOR STATIONARY OPERATIONS OF LESS THAN 96 HOURS PER STAGE FOR TWO LANES, BASED ON ENGINEERING JUDGEMENT.

FILE NAME = US	JSER NAME = \$USER\$	DESIGNED -	REVISED -						F.A.P.	SECTION	COUNTY TOTAL SHEET		
c:\pw_work\pwidot\kelleykd\d0278547\78261-sht-staging.dgn		DRAWN -	REVISED -	STATE OF ILLINOIS	STAGING SHEET					312/331	(130,101)N-1	JACKSON 41 21	
PL	PLOT SCALE = 60.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	TRANSPORTATION						CONTRACT NO. 78261		
PL	PLOT DATE = 2/7/2012	DATE -	REVISED -			SHEET	OF	SHEETS STA.	TO STA.	ILLINOIS FED. AID PROJECT			