



TYPICAL APPLICATIONS

- Utility operations
- Culvert extensions
- Side slope changes
- Guardrail installation and maintenance
- Delineator installation
- Landscaping operations
- Shoulder repair
- Sign installation and maintenance

SYMBOLS

- Work area
- Sign
- Cone, drum or barricade

① When the work operation exceeds one hour, cones, drums or barricades shall be placed at 8 m (25') centers for L/3 distance, and at 15 m (50') centers through the remainder of the work area.

GENERAL NOTES

This Standard is used where any vehicles, equipment, workers or their activities will encroach in the area 15' (4.5 m) to 24' (600 mm) from the edge of pavement.

Calculate L as follows:

SPEED LIMIT	FORMULAS	
40 mph (70 km/h) or less:	English $L = \frac{WS^2}{60}$	(Metric) $L = \frac{WS^2}{150}$
45 mph (80 km/h) or greater:	$L = (W)(S)$	$L = 0.65(W)(S)$

W = Width of offset in feet (meters).

S = Normal posted speed mph (km/h).

All dimensions are in inches (millimeters) unless otherwise shown.

**OFF-RD OPERATIONS, MULTILANE,
15' (4.5 m) TO 24' (600 mm)
FROM PAVEMENT EDGE**

STANDARD 701101-02

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FILE NAME =	USER NAME = (1224_user)	DESIGNED - LC	REVISED -
P:\P-00\1224\Task 8\DWG\Sheets\19-1224-S-Standard-03.dgn		DRAWN - BID	REVISED -
	PLOT SCALE = 1.0000 "/ IN.	CHECKED - ER	REVISED -
	PLOT DATE = 1/23/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IL 31	2001-125R	MC HENRY	31	19
CONTRACT NO. 60F79				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				