



For contract construction projects



W20-1(0)-48



W21-1a(0)-48
OR

For maintenance and utility projects



W21-4(0)-48



W21-1110(0)-48

TYPICAL APPLICATIONS

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

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.

SYMBOLS

- Work area
- Sign
- Cone, drum or barricade

GENERAL NOTES

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

Calculate L as follows:

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

W = Width of offset in meters (feet).

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

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

DATE	REVISIONS
1-1-05	Revised title, notes, and sign spacing.
1-1-98	Rev. 1st GEN. NOTE.
	Rev. (24') to (24") in 3rd GEN. NOTE.

OFF-RD OPERATIONS, 2L, 2W, 4.5 m (15') TO 600 mm (24") FROM PAVEMENT EDGE

STANDARD 701006-02

Illinois Department of Transportation

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ENGINEER OF OPERATIONS

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ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97