
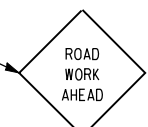




For contract construction projects

 W20-I103(0)-48

For maintenance and utility projects

 W20-1(0)-48





 W21-1a(0)-48
 Or

 W21-I110(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 15' (4.5 m) to 24 (600) 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.

Illinois Department of Transportation

APPROVED January 1, 2009
 ENGINEER OF OPERATIONS

APPROVED January 1, 2009
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-09	Switched units to English (metric).
	Corrected sign No.'s.
1-1-05	Revised title, notes, and sign spacing.

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

STANDARD 701101-02