



For contract construction projects
 ROAD CONSTRUCTION AHEAD
 W20-1103(0)-48

For maintenance and utility projects
 ROAD WORK AHEAD
 W20-1K(0)-48

W21-1a(0)-48
 OR
 WORKERS
 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 25' (8 m) centers for L/3 distance, and at 50' (15 m) 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	
	English	(Metric)
40 mph (70 km/h) or less:	$L = \frac{WS^2}{60}$	$L = \frac{WS^2}{150}$
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, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE

STANDARD 701006-03

IE INFRASTRUCTURE ENGINEERING, INC.
 33 W. MONROE ST., SUITE 1540
 CHICAGO, IL 60603-6322
 PHONE 312.425.9560
 FAX 312.425.9564

FILE NAME =	USER NAME = (1224_user)	DESIGNED - LC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P:\NP-00\1224\Task 8\DGN\Sheets\17-1224-S-Standard-01.dgn	DRAWN - BID	REVISOR -	REVISOR -		IL 31	2001-125R	MC HENRY	31	17
PLOT SCALE = 1:8000' / IN.	CHECKED - ER	REVISOR -	REVISOR -		CONTRACT NO. 60F79				
PLOT DATE = 1/23/2009	DATE -	REVISOR -	REVISOR -		ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.