



Traffic Control Device: **Work Zone**

Date of Revision: **March 15, 2002**

Division:

Subject: **Barricades**

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Purpose

A barricade is used to physically separate traffic from unusual situations created by construction and maintenance work activities or from objects on or near the travelled way.

Policy

A barricade or system of barricades should be used where a collision with an object would be more hazardous than a collision with a barricade. If barricades are found to be more hazardous, traffic cones, plastic drums or other traffic control devices should be used instead. Barricades can also be used to block off a portion or all of a lane or roadway where road closures become a necessity. Barricades must not be used to channelize traffic.

Standard

A barricade may be one of three types: Class A, Class B, or Class C. Each class of barricade consists of one to three barricade boards or rails attached to a frame constructed of wood or other approved lightweight material:

Class A barricade - Two 400 x 1800 mm barricade boards (H-317), spaced 200 mm apart, with a total height of 1500 mm.

Class B barricade - Three 200 x 1800 mm rails (H-316R/L), spaced 150 mm apart, with a total height of 1500 mm. A H-316L board is installed at the top and bottom of the barricade, and a H-316R is mounted in the middle.

Class C barricade - One 200 x 1800 mm barricade board (H-316R/L), with a height of 1000 mm.

Markings for barricade boards must be alternate 150 mm wide orange and black diagonal stripes, reflectorized to at least level 2 (EG). The predominate colour of other barricade components should be either orange or white. Owner identification must not be imprinted on the reflectorized face of any board or rail, but may be imprinted on the supports or the rear face of the boards.

RECOMMENDED: _____
Director, Traffic Engineering

APPROVED: _____
Executive Director
Highway Engineering

Barricade Applications

The three barricade classes are employed as follows:

- X Class A barricades are used to effect a **lane closure**. They are placed at the end of a transition taper and show the direction of the detour.
- X Class B barricades are generally used to effect a **complete roadway closure**.
- X Class C barricades may be placed at regular intervals within a work zone in order to **maintain a lane closure**.

Barricades may be used singly or in groups to mark hazards. They must be kept in good repair and cleaned or resheeted as necessary to maintain their appearance. A BARRICADE AHEAD sign (C-4) should be installed to give motorists advance warning of a barricade.