

CITY OF HENDERSON FIRE SAFETY GUIDELINE

Effective Date: February 4, 2019

HFS# 004

Supersedes: All Others

Updated: July 11, 2023

Page 1 of 3

TITLE: FIRE LANES

PURPOSE:

To standardize Fire Safety Division requirements by providing a uniform method of specifying signs and the marking of the Fire Lanes at multi-family or commercial locations, in order to facilitate fire fighting operations during emergencies and to facilitate developers by standardization of requirements.

REFERENCE: 2021 IFC, Chapter 5 as amended

RULES & REGULATIONS:

- A. Construction documents for proposed fire apparatus access, locations of fire lanes, security gates across fire apparatus access and construction documents and hydraulic calculations for fire hydrant systems shall be submitted to the fire department for review and approval prior to construction. **(IFC 501.3)**
1. Plans shall contain the following information:
 - a. Designate the area of the Fire Lane(s).
 - b. Indicate where Fire Lane signs are to be posted.
 - c. An example of sign details.
 - d. Indicate where curbs are to be painted red.
 - e. Indicate where the words (i.e., NO PARKING FIRE LANE) are painted on curbs.
 - f. A legend which explains symbols or abbreviations used.
- B. Construction:
1. Fire lanes shall be constructed the same as Fire Apparatus Access Roads and shall comply with the requirements of Section 503 as amended.
 2. 503.3 Marking. Fire apparatus access roads shall be marked where required to prohibit parking and other obstructions. Marking shall consist of painting the curb, or the side of the street, where no curb is present, with a suitable coat of industrial red enamel along the entire length of road where parking is prohibited. Each section of curb that is painted red shall also be marked by signage stating, **“NO PARKING FIRE LANE”** (Type A sign). Signs are to be installed no higher than 10 feet or less than 6 feet from the surface of the roadway. Signs shall be located at each end of painted curb, and additionally in between so that the maximum separation between signs is 100 feet, as measured along the centerline of the fire apparatus access road.

In lieu of providing multiple signs, where a minimum of one sign is provided at every entrance stating **“ON-STREET PARKING IN MARKED FIRE LANES PROHIBITED”** (Type B sign), fire lanes may be marked by painting the words **“NO PARKING FIRE LANE”**, over the face of the red-painted curbs (Type C sign). The words on the curbs shall be painted in white letters not less than 4 inches in height with a brush stroke of not less than $\frac{3}{4}$ inch. The maximum separation between words shall be 50 feet, as measured along the centerline of the fire apparatus access lane.

3. 503.3.1 Sign Specifications. Where required by the *Fire Code Official* signs shall be in accordance with the following:

Type A: Minimum dimension of 18 inches (457mm) high by 12 inches (305 mm) wide. Red letters on a reflective white background with $\frac{3}{8}$ inch red trim around entire outer edge of sign. Lettering shall be: **“FIRE LANE”**

Type B: Minimum dimension of 24 inches (610 mm) wide by 18 inches (457 mm) high. Red letters on reflective white background with $\frac{3}{8}$ inch red trim strip around the entire outer edge of sign. Lettering on sign shall be: **“ON STREET PARKING IN MARKED FIRE LANES PROHIBITED”**

Type C: Minimum dimension of 36 inches (914 mm) wide by 4 inches (101 mm) high. White letters on red enamel background. Lettering on curb shall be: **“NO PARKING FIRE LANE”**

Signs shall be installed not less than 6 feet (1830 mm) and not more than 10 feet (3048 mm) from the ground level. Posts for signs shall be metal and securely mounted, unless written permission for alternatives is obtained prior to installation from the fire code official.

C. Maintenance:

1. It shall be the responsibility of the owner of any property, for which the Fire Chief has designated one or more fire lanes, to indicate the same with red curb painting and/or posting, and to maintain such fire lanes clear of all obstructions and freely accessible for all fire equipment and apparatus.
2. The required width of a Fire Apparatus Access Road, including Fire Lanes, shall not be obstructed in any manner, including parking of vehicles. Minimum required widths and clearances established under this section shall be maintained at all times. **(IFC 503.4)**

When a sign is installed in any fire lane in accordance with Section 503.4, it shall be unlawful for any person to park a motor vehicle in, or otherwise obstruct, such fire lane. Vehicles in violation of this subsection may be cited and/or towed at the owner's expense.

SAMPLES OF SIGN DESIGNS



TYPE A SIGN



TYPE B SIGN



TYPE C SIGN