



## Lake Havasu City Fire Department

### Fire Prevention Bureau

2330 McCulloch Blvd. N.

Lake Havasu City, AZ 86403

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**FD Specification #01**

**2018 IFC, Ch. 5**

**Rev. 9/01/2021**

**Fire Apparatus Access & Marking of Fire Lanes**

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### OVERVIEW

Lake Havasu City Code § 10.12.080 Curb Markings and Signs Restricting Parking and Arizona Revised Statute § 28-873 prohibit the parking of vehicles in designated safety areas including fire lanes, access ways, and roadways.

### PURPOSE

The purpose of this fire department specification is to provide in detail the minimum requirements for the marking of fire apparatus access road(s). See International Fire Code § 503 Fire Apparatus Access Roads for fire apparatus access road requirements.

### SCOPE

Fire department access and fire lanes must be identified on the approved site plans for new developments or on the approved building plans for tenant improvements or residential projects. The Fire Marshal (FM) may determine the need for additional requirements or may approve alternate methods of compliance with these standards.

### DEFINITIONS

**Fire Apparatus Access Road** - A road that provides fire apparatus access from a fire station to a facility, building, or portion thereof. This is a general term inclusive of all other terms such as fire lane, Public Street, Private Street, parking lot lane, and access roadway. The minimum width of a fire access road is twenty feet (20'). The minimum height of a fire lane is thirteen feet, six inches (13'6").

**Fire Lane** - A road or other passageway developed to allow the passage of fire apparatus. A fire lane is not necessarily intended for vehicular traffic other than fire apparatus. The minimum width of a fire lane is twenty feet (20'). The minimum height of a fire lane is thirteen feet, six inches (13'6").

### REQUIREMENTS

When required by the FM, approved signs for identification or other approved markings must be provided and maintained for fire apparatus access roads and prohibit their obstruction.

The FM may require that fire lanes for new and existing structures be established on private property, public property, public streets, alleyways, parking lots, driveways, or other roadways to provide access for fire suppression operations.

The installation of security gates across a fire apparatus access road shall be approved by the Fire Marshal. Where security gates are installed, they shall have an approved means of emergency operation.

**PROCEDURE**

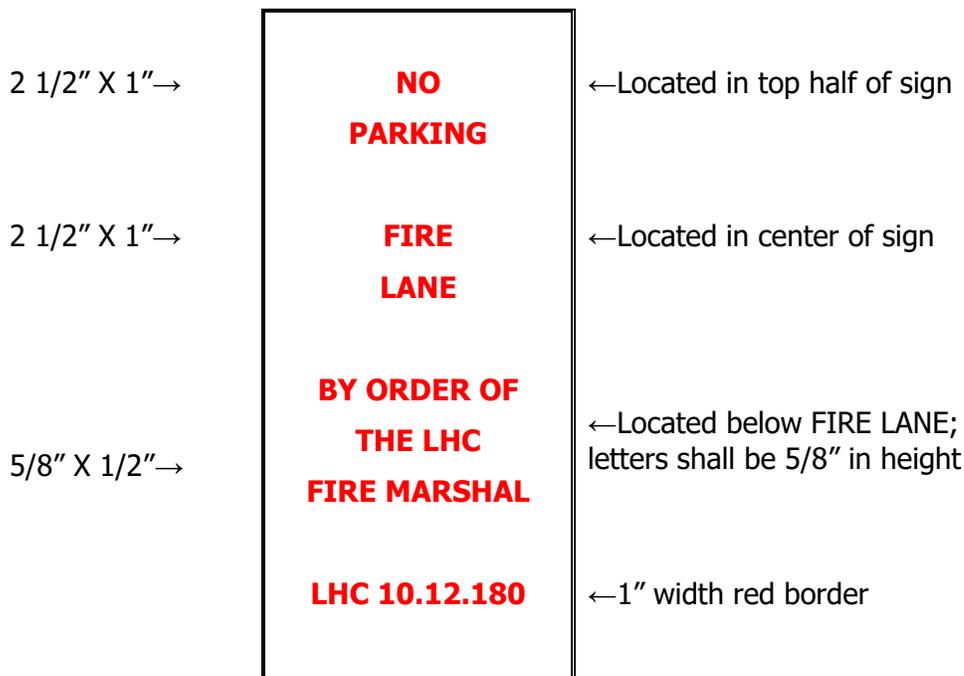
Fire department access and fire lanes must be identified on private streets or drives by use of the phrase **"NO PARKING - FIRE LANE"** and shall be designated by the use of one or more of the following:

- a. Approved SIGNS
- b. Approved RED CURBS, or
- c. Approved ROADWAY STRIPING (Two options)

Any approved combination of the above.

**1. SIGNS**

- a. Must be eighteen inches (18") in height by twelve inches (12") in width.
- b. Lettering must be **red** on a white background and shall be no less than two and one-half inches (2 ½") in height with a one inch (1") width for "No Parking - Fire Lane."
- c. **"BY ORDER OF THE LHC FIRE MARSHAL"** and the Lake Havasu City Code section must be located below the fire lane and lettering shall be five-eighths inches (5/8") in height and one-half inch (½") in width.



- d. Signs must be installed so that there is no less than seven feet (7') clear from the bottom of the sign to finished grade. Temporary signs must be approved by the Fire Department prior to placement and use.
- e. The distance between signs must not exceed fifty feet (50') and there must be a sign within five feet (5') of the beginning and end of the FIRE LANE.
- f. Installation and maintenance of signs located on private streets and drives must be the responsibility of the property owner.

**2. RED CURBS**

- a. Curbing which is used in designating FIRE LANES must be painted Rust-Oleum Fire Safety Red or equivalent.
- b. White lettering, no less than three inches (3") in height, must be placed on the top and face of the red curbing and must read "NO PARKING - FIRE LANE."
- c. Such lettering must be located a maximum of thirty-five feet (35') apart and within five feet (5') from the beginning and end of the designated FIRE LANE.
- d. Installation and maintenance of red curbing located on private streets and drives is the responsibility of the property owner.

**3. ROADWAY STRIPING**

**OPTION #1**

- a. Areas designated to be FIRE LANES where no curbs exist must be striped.
- b. Striping must consist of three inch (3") wide **red stripes** on a diagonal basis for the full width and length of the FIRE LANE.
- c. **White lettering** a minimum dimension of two inches (2") in width by twelve inches (12") in height, per letter, must read "**NO PARKING - FIRE LANE**" and must be painted within the striping.
- d. Such lettering must be located a maximum of thirty-five feet (35') apart and within five feet (5') of the beginning and end of the FIRE LANE.
- e. Installation and maintenance of roadway striping located on private streets and drives is the responsibility of the property owner. See illustration below.

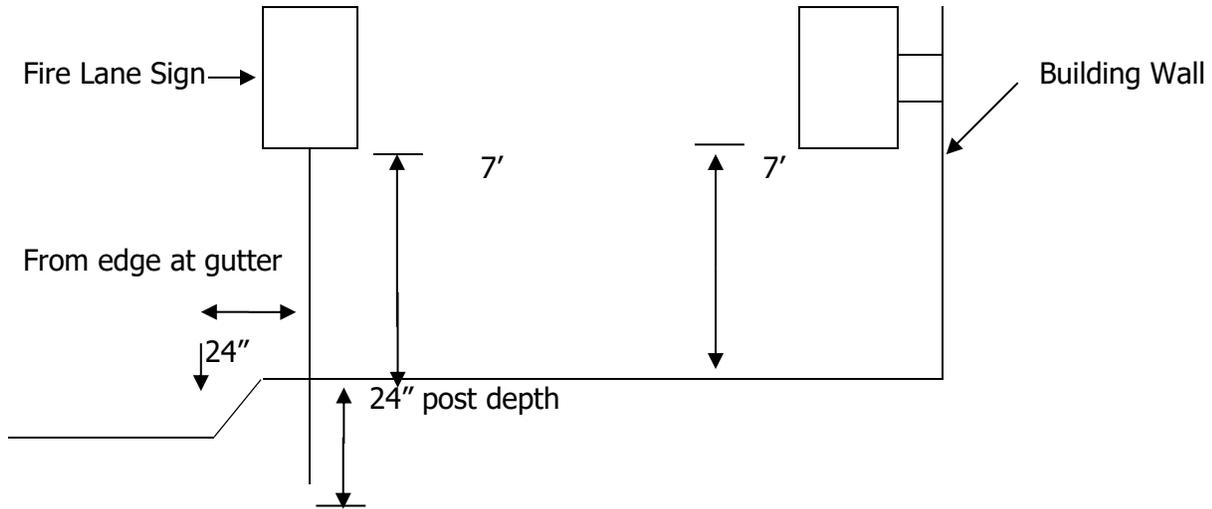
**-OR-**

**OPTION #2**

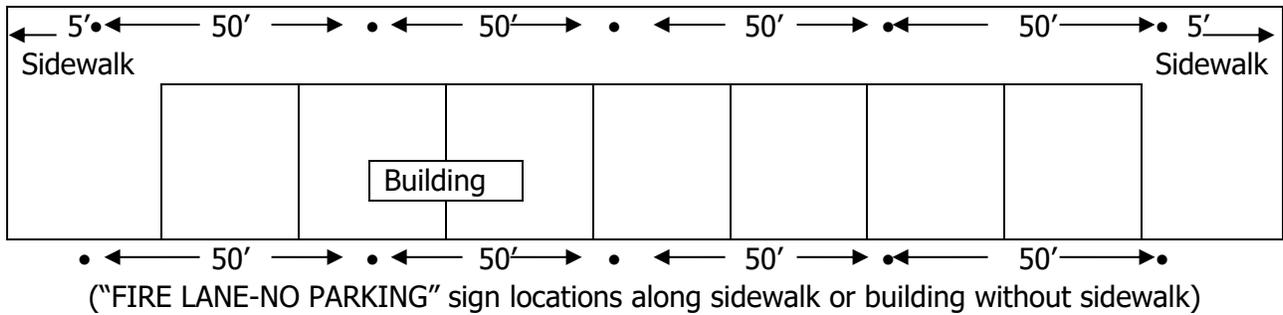
- a. Fire lanes must be provided and maintained with fire lane striping that consists of a six inch (6") wide **red background stripe** with four inch (4") high **white letters** stating "**NO PARKING - FIRE LANE**" to be painted upon the red stripe every fifteen feet (15') along the entire length of the fire lane showing the exact boundary of the fire lane.
- b. Fire lane markings must be upon the vertical surface of the curb, unless otherwise approved by the FM. See illustration below.

**"NO PARKING-FIRE LANE" STANDARDS (diagrams not to scale)**

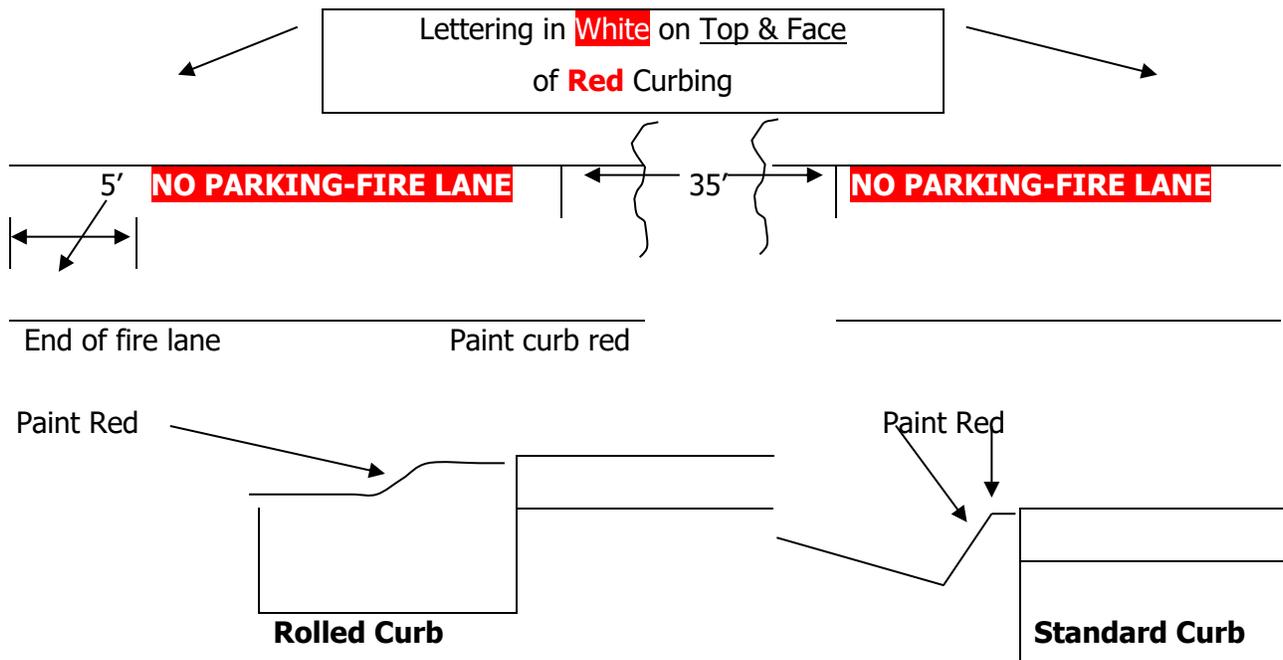
**4. FIRE LANE SIGN INSTALLATION**



**5. FIRE LANE SIGN PLACEMENT**

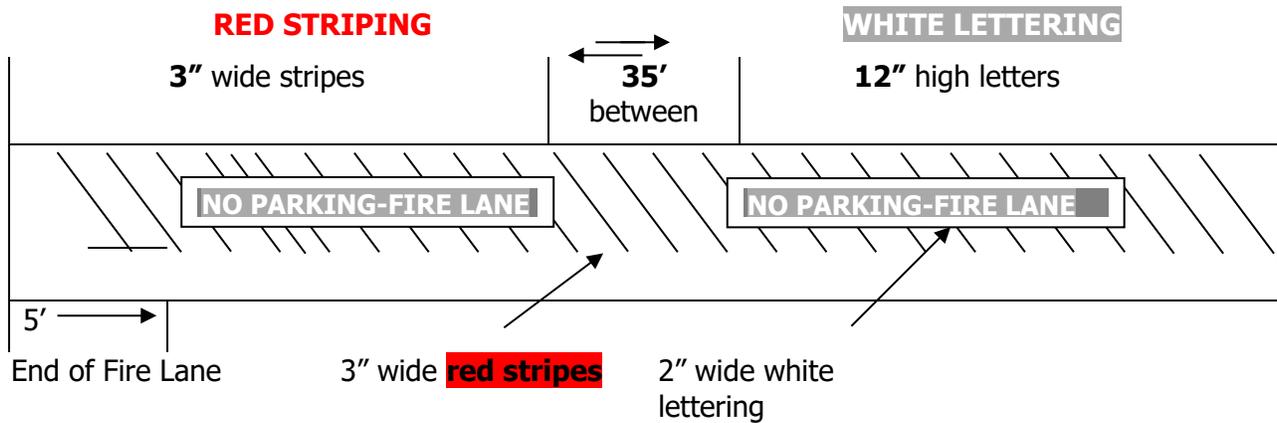


**6. RED CURBS AND MARKINGS**

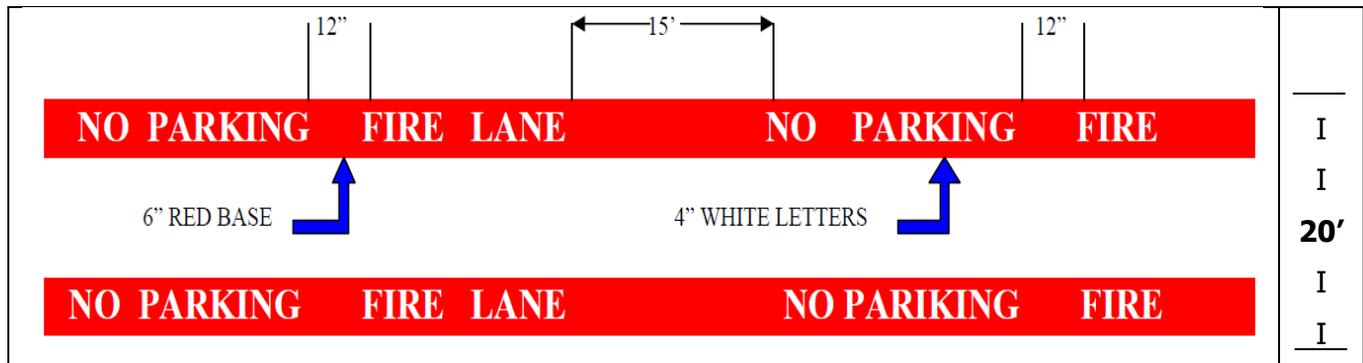


**7. ROADWAY STRIPING OPTIONS**

**OPTION #1**



**OPTION #2**



**REFERENCE**

2018 International Fire Code, § 503 Fire Apparatus Access Roads

**Note:** This FD Specification is intended to be a guide only. For full installation, fire-flow, location and distribution, and maintenance requirement, refer to the references above. Where conflicts exist between this document and the applicable codes and standards, the above references must supersede.

APPROVED:  DATE: 9/1/2021  
 Scott Hartman, Fire Marshal