



LAS VEGAS FIRE & RESCUE

Fire Engineering Division Information Sheet



Effective Date: February 4, 2019

CLV Ordinance #6631

The items listed are basic information only. Please refer to adopted codes for specific details. Codes are subject to change. Additional requirements may apply.

Fire Access Roads and Fire Lanes

Fire apparatus access roads shall have an unobstructed width of not less than **24** feet, exclusive of shoulders, except for approved access gates in accordance with Section 503.6. There must be an unobstructed vertical clearance of not less than **13 feet 6 inches**. **IFC 503.2.1 / SNFC 503.2.1**

Fire apparatus access roads shall be designed and maintained to support the imposed loads of fire apparatus, with a minimum vehicle load of 33,000 pounds per axle, and shall be surfaced and paved so as to provide all-weather driving capabilities. **SNFC 503.2.3**

The required turning radius of a fire apparatus access road shall be no less than 28 feet inside turning radius and 52 feet outside turning radius. **SNFC 503.2.4**

The grade of the fire apparatus access road shall not exceed 12 percent. **SNFC 503.2.7**

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 safety **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 with the "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. (Type A: Minimum dimension of 18 inches high by 12 inches wide. **Red** letters on a reflective white background with 3/8 inch red trim around entire outer edge of sign. Lettering shall be: "FIRE LANE".) **SNFC 503.3, 503.3.1**

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 signage). 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 3/4 inch. The maximum separation between markings shall be **50** feet, as measured along the centerline of the fire apparatus access lane.

Type B: Minimum dimension of 24 inches wide by 18 inches high. **Red** letters on reflective white background with 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". **SNFC 503.3 and 503.3.1**

Type C: Minimum dimension of 36 inches wide by 4 inches high. White letters on red enamel

background (**safety red** in color). Lettering on curb shall be "NO PARKING FIRE LANE". **SNFC 503.3.1**

Signs shall be installed not less than 6 feet and not more than 10 feet 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. **SNFC 503.3.1**



Type "A"

Type "A" sign at each end and every 100'

-OR-



Type "B"

Type "B" sign at **every** entrance

-AND-

NO PARKING FIRE LANE

Type "C" signage (painted and stenciled curbs) every 50' along established Fire Lane