



Clovis Fire Department

Standard #2

Fire Lanes

Scope

These regulations shall apply whenever the Clovis Fire Department determines the need to establish and maintain fire access roads. Fire apparatus access roads, as referenced in the Clovis Municipal Code, are commonly referred to as fire lanes.

Information contained herein applies to typical circumstances and may not address all situations.

Codes and Standards

This standard shall apply to any roadway from a public way to, adjacent to, and surrounding a building of which the roadway could be used for emergency operations by local emergency authorities. Said fire lane shall be in accordance with the 2007 CFC Fire Code Section 503.1, 503.1.2 and the Clovis Municipal Code section 4.4.103.

Plans Required

Detailed plans shall be submitted to the Clovis Fire Department and/or site inspections shall be performed by the Fire Prevention Division prior to identifying fire lanes.

Access

Fire lanes shall be provided for every facility, building or portion of a building hereafter constructed or moved into or within the jurisdiction when any portion of the facility or any portion of an exterior wall of the first story of the building is located more than 150 feet from fire apparatus access as measured by an approved route around the exterior of the building or facility.

Fire Lane Determination

Fire lane determination is the sole responsibility of the Clovis Fire Department. Private property owners shall not designate and/or identify any roadway on their property as a fire lane without prior approval from the Clovis Fire Department.

Specifications

Fire lane width shall be determined by measuring from "face of curb" to "face of curb" of roadways that have curbs. When roadways do not have curbs, the measurements shall be from the edge of the roadway surface (all weather surface) excluding the header or edge boards.

Every building constructed for commercial, industrial, manufacturing or institutional use shall be accessible to Fire Department apparatus by way of fire lanes with an all-weather driving surface of not less than thirty feet (30') of unobstructed width. All other buildings hereafter constructed shall be accessible to fire department apparatus by way of access roads with all-weather driving surfaces of not less than twenty-six feet (26') of unobstructed width. Fire lanes shall have an unobstructed vertical clearance of thirteen feet six inches (13' 6"). Vertical clearances or widths shall be increased when, in the

opinion of the Fire Chief, vertical clearances or widths are not adequate to provide fire apparatus access.

Parking Restrictions (public residential)

<u>Access Road Width</u> (in feet)	<u>Parking Restrictions</u> (sides of street)
Less than 32'	No parking on either side
32' through 35'	Parking on one side only
36' and over	Parking allowed on both sides

Streets with medians that have lanes 22' wide or less shall be designated no parking.

Turning Radius

The minimum outside turning radius shall be forty-five feet (45') and the inside turning radius shall be twenty feet (20') measured from the same center point. The inside radius is the radius of the smallest circle around which the vehicle can turn. The outside turning radius is the radius of the smallest circle inside of which the vehicle's tires can turn. This measurement takes into account any front overhang due to the chassis, bumper extensions and/or aerial devices.

Identification of Fire Lanes

When it is determined by the Clovis Fire Department that a fire lane designation is required on the access roadway, proper methods within this standard shall be used for such identification.

One of the three methods presented below must be utilized when identifying a fire lane. The following methods of fire lane identification are taken from Section 22500.1 of the California Vehicle Code:

1. By a red curb or red paint on the edge of the roadway upon which is clearly marked the words "NO PARKING FIRE LANE" **or**
2. By posting of the sign described in Figure 1 and installed as per Figure 3, **or**
3. By outlining or painting the place red, and in contrasting color, marking the place with the words "NO PARKING FIRE LANE", which are clearly visible from a vehicle.

Additionally, PUD's, condominiums and multi-family complexes shall install the sign described in figure 2 at each entrance. This sign may also be required on other projects when determined to be necessary by the fire department.

Maintenance

All signs and curb markings are to be installed and maintained by the property owner.

Towing From Private Property

In order for private property owners to legally cause vehicles to be removed (towed) from their property, such as an apartment complex or business parking lots, they must

follow the requirements listed in the California Vehicle Code Section 22658. This is not done by the Clovis Police Department.

Curbs marking fire lanes - the standard for curb marking is illustrated below:



CURB LETTERING

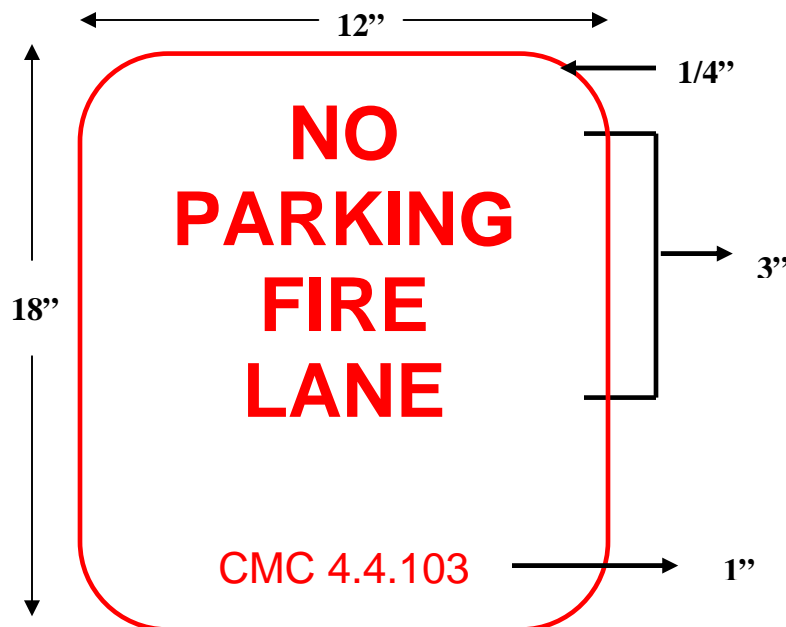


All raised curbs in "NO PARKING FIRE LANE" areas shall be painted with 2 coats of 100% acrylic water-based red curb marking paint and lettered to the above standards. The paint is available at industrial suppliers such as Alert-O-Lite or WhiteCap. Lettering shall be in WHITE, four inches (4") in height and have a minimum one inch (1") stroke. Lettering shall be painted every twenty-five feet (25').

When there is no curbing adjacent to the fire lane, the lane shall be marked by a six inch (6") wide painted red line on each side of the lane. "NO PARKING FIRE LANE" shall be painted on the red line as described above.

Fire Lane Sign

Signs marking fire lanes, as shown in figure 1, shall be installed per Figure 3. Spacing of such signs to be within five feet (5') of each end of curbed areas and spaced a maximum of seventy-five feet (75') apart thereafter. Depending on the situation, additional signage may be required. Signs must face oncoming vehicular traffic. Signs shall be 12" x 18" x .080" aluminum with white engineer grade reflective sheeting.



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Figure 1

Driveway Entrance Sign

The sign in figure 2 shall have radius corners with a 3/8" red border. It shall be 18" x 24" x .080" aluminum with engineer grade reflective sheeting.



Figure 2

Sign Installation

Signs may be mounted on existing posts, fences or buildings if the post, fence or building is no more than 24 inches from the curb or edge of road surface. Signs may be installed flush to the wall with fire department approval.

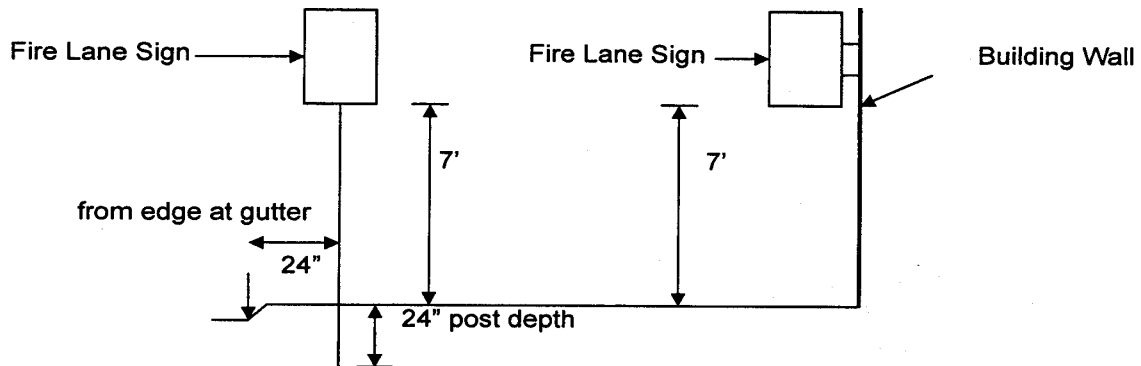


Figure 3