



POLICY STATEMENT OFFICE OF THE FIRE MARSHAL

TITLE: FIRE ACCESS
REFERENCE: 2012 International Fire Code, Chapter 5, Section 503
SCOPE: Fire Service Access features for buildings, structures and premises.

FIRE LANES

All fire lanes shall be reviewed and approved by the Fire Marshal prior to installation. All fire lanes shall be installed in accordance to the below listed items.

I. GENERAL GUIDELINES

- 1) All new and existing buildings within the city shall have adequate access for the Fire Department apparatus. The Fire Marshal and building owner/tenant shall designate fire lanes. In no case shall a fire lane be less than twenty-four (24) feet in width, have vertical clearance no less than fourteen (14) feet, slope no more than 10% maximum grade, turning radius shall be 25 foot inside and 50 foot outside. All fire lanes shall be marked on both sides as a travel lane, including behind parking spaces and dead-end drives.
- 2) All fire lanes shall extend to within one hundred-fifty (150) feet of all exterior portions of the facility and exterior walls of the first story of the building as measured by an approved route.
- 3) All fire lanes shall be posted and marked, and shall be designated as tow away zones by the building owner/tenant. All fire lanes within the city shall be marked using signs, pavement markings or curb markings with the following specifications:
 - a. **Pavement Markings** – All pavement markings shall be installed using red and white traffic paint. The boundaries of the fire lane shall be identified by red stripes at least six (6) inches wide. The words “FIRE LANE – NO PARKING – TOW AWAY ZONE” shall appear in four (4) inch white letters at twenty-five (25) foot alternating intervals on the red border markings.
 - b. **Curb Markings** – Curb markings shall be painted in red traffic paint from the top seam of the curb to a point even with the driving surface. The words “FIRE LANE – NO PARKING – TOW AWAY ZONE” shall appear in four inch letters at 25 foot intervals along the curbs
- 4) Signs may be used in lieu pavement markings, as approved. Signs shall conform to the standards listed below and in accordance to City of Deer Park ordinance Sec. 34-74 a) Signs shall read "NO PARKING FIRE LANE TOW-AWAY ZONE". Signs shall be 12" wide and 18" high. Signs shall be painted on a white background with letters and borders in red, using not less than 2" lettering. Signs shall be permanently affixed to a stationary post and the bottom of the sign shall be six feet, six inches (6'6") above finished grade. Signs shall be spaced not more than thirty feet (30') apart. Signs may be installed on permanent buildings or walls or as approved by the Fire Marshal.

II. BUILDINGS EXCEEDING 30 FEET IN HEIGHT

Fire apparatus access roads for buildings exceeding three stories or thirty (30) feet in height shall be provide with at least three means of fire apparatus access.

III. REQUIREMENTS FOR LARGE AREA BUILDINGS

Buildings exceeding sixty-two thousand (62,000) square feet in area shall provide two separate approved fire apparatus access roads.

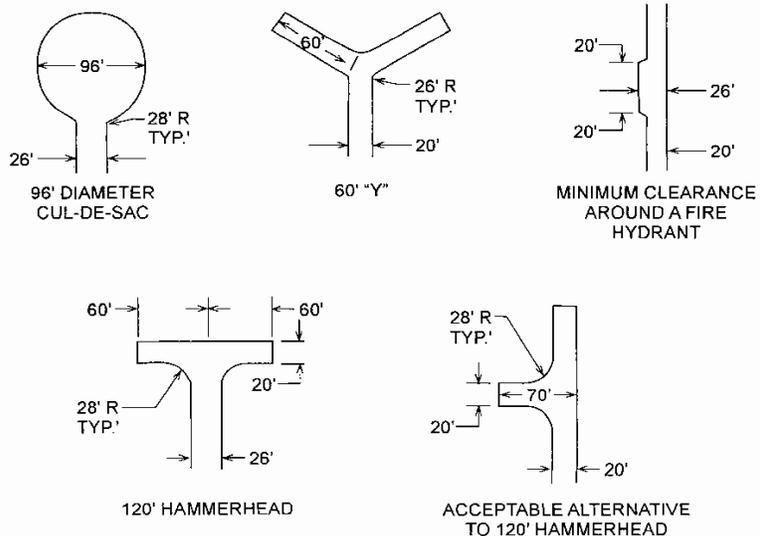
Exception: Projects with a gross building area up to one hundred twenty-four thousand (124,000) square feet may have a single approved fire apparatus access road when all buildings are equipped with an approved automatic sprinkler system.

IV. AERIAL FIRE APPARATUS ACCESS ROADS

- 1) Buildings or portions of buildings or facilities exceeding 30 feet in height above the lowest level of fire department vehicle access shall be provided with approved fire access roads capable of accommodating fire department aerial apparatus. Overhead utility and power lines shall not be located within the aerial fire apparatus access roadway.
- 2) Fire apparatus access roads shall have a minimum unobstructed width of 26 feet in the immediate vicinity of any building or portion of building more than 30 feet in height.
- 3) At least one of the required access routes meeting this condition shall be located within a minimum of 15 feet and a maximum of 30 feet from the building, and shall be positioned parallel to one entire side of the building.



DEAD-END FIRE APPARATUS ROAD TURNAROUND



V. ONE OR TWO FAMILY RESIDENTIAL DEVELOPMENTS

Where the number of dwelling units exceeds 30, there shall be two separate and approved fire apparatus access roads.