



The City of Paris FIRE DEPARTMENT

Bureau of Fire Prevention

135 S.E. 1st

Paris, Texas 75460

Fire Lane Requirements

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.

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.

Fire lanes shall be constructed of an asphalt or concrete surface capable of supporting the imposed loads of a 2-axle, 75,000 lb. fire apparatus. The design shall be based on the geotechnical investigation of the site, but shall meet the stated minimums, as follows. Those portions of the fire lane within sixty feet (60') of the structure to be protected shall be constructed with 6-inch thick, 3000 psi concrete with No. 3 bars spaced 24 inches on centers both ways and with sub-grade to a density not less than 95 percent as determined by TSDHPT Test Method Tex-113. Portions of the fire lane constructed of asphalt shall be ninety-five (95) percent compaction with a 6-inch asphalt stabilized base and 2-inch type D hot mix asphalt concrete, State Highway specification number 292. Whenever forty percent (40%) of existing, non-conforming fire lanes are replaced within a twelve month period, the entire fire lane shall be replaced according to current standards.

Buildings and facilities Approved fire apparatus access roads shall be provided for every facility, building or portion of a building hereafter constructed or moved into or within the jurisdiction. The fire apparatus access road shall comply with the requirements of this section and shall extend to within 150 feet (45 720 mm) of all portions of the facility and all portions of the exterior walls of the first story of the building as measured by an approved route around the exterior of the building or facility.

Dimensions. Fire apparatus access roads shall have an unobstructed width of not less than 24 feet (7315 mm) and an unobstructed vertical clearance of not less than 14 feet (4,267 mm).

Exception: Vertical clearance may be reduced; provided such reduction does not impair access by fire apparatus and approved signs are installed and maintained indicating the established vertical clearance when approved.

Any such fire lane easement shall either connect both ends to a dedicated street or be provided with a turnaround having a minimum outer radius of 50 feet. If two or more interconnecting lanes are provided, interior radius for that connection shall be required in accordance with the following:

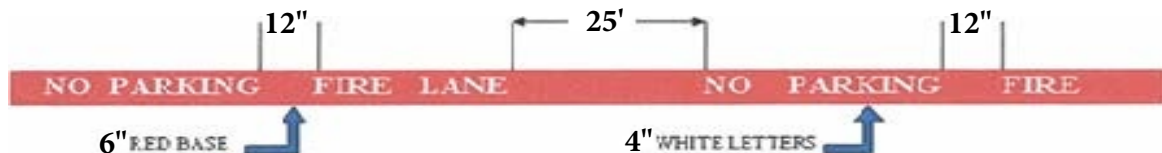
For 90 degree or greater turns only

24' fire lane – minimum radius 20'

30' fire lane – minimum radius 10'

All fire lanes shall be maintained and kept in a good state of repair at all times by the owner and the City of Paris shall not be responsible for the maintenance thereof. It shall further be the responsibility of the owner to insure that all fire lane markings required be kept so that they are easily distinguishable by the public.

Marking - Striping, signs, or other markings, when approved by the fire code official, shall be provided for fire apparatus access roads to identify such roads or prohibit the obstruction thereof. Striping, signs, or other markings shall be maintained in a clean and legible condition at all times and replaced or repaired when necessary to provide adequate visibility.



(1) **Striping** – Fire apparatus access roads shall be continuously marked by painted lines of red traffic paint six inches (6”) in width to show the boundaries of the lane. The words “NO PARKING FIRE LANE” or “FIRE LANE NO PARKING” shall appear in four inch (4”) white letters having a 1” minimum stroke at 25 feet intervals on the red border markings along both sides of the fire lanes. Where a curb is available, the striping shall be on both the vertical and horizontal faces of the curb. Lettering shall be on the vertical face of the curb.

(2) **Signs** – If the Fire Marshal determines that the fire lane striping is ineffective then signs may be required. Signs shall read “NO PARKING FIRE LANE” or “FIRE LANE NO PARKING” and shall be 12” wide and 18” high. Signs shall be 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 fifty feet (50’) apart. Signs may be installed on permanent buildings or walls or as approved by the fire code official.