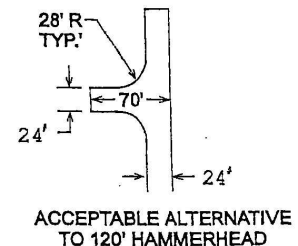
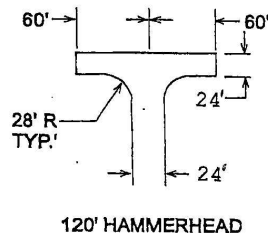
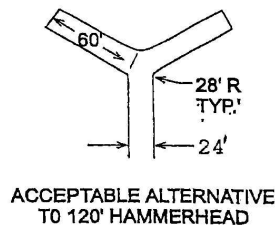
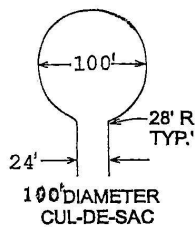


MANSFIELD FIRE DEPARTMENT INFORMATION LINE

FIRE DEPARTMENT ACCESS TO PUBLIC BUILDINGS AND FIRE LANE REQUIREMENTS

1. Every building constructed more than 150 feet off of a public way shall be accessible to Fire Department apparatus by an access roadway with a concrete or asphalt surface so as to provide an all weather driving surface of not less than 24 feet of obstructed width.
2. The 150 feet from the required access roadway to all exterior walls of buildings shall be measured in a straight line and shall follow the path of a fire apparatus or the way that a fire hose would be advanced. If topographical conditions exist that would make it impossible for hose lines to be advanced to a certain portion of a building from a required access way, an additional access way will be required to accommodate access to that particular portion of the building.
3. Every access roadway shall have a minimum of 14 feet of vertical clearance. The construction of the roadway shall be capable of supporting the imposed loads of fire apparatus (75,000 pounds). Fire Department access roads shall be constructed of concrete or asphalt.
4. Dead end Fire Department access roadways shall be provided with approved provisions for turning around the Fire Department apparatus as specified in the following table:

LENGTH	WIDTH	TURN AROUND REQUIRED
0-150 feet	24 feet	NONE REQUIRED
151-500 feet	24 feet	100' DIAMETER CUL-DE-SAC 120' HAMMERHEAD
501-750 feet	24 feet	100' DIAMETER CUL-DE-SAC 120' HAMMERHEAD
OVER 750 feet		SPECIAL APPROVAL REQUIRED



5. When any part of the access road is designated as a fire lane by the Fire Marshal, it shall be the responsibility of the owner to install and maintain pavement markings and signs to properly notify the public of the location of fire lanes on his property.
6. Where fire lanes abut curbs the ENTIRE CURB shall be painted RED (minimum of 6" in width).
7. On the RED lines, designated fire lane boundaries shall be painted in WHITE letters four (4") inches in height and with one inch strokes the words "FIRE LANE NO PARKING" or "NO PARKING FIRE LANE" every 25 feet.
8. The required access roadway shall be located between 15 and 30 feet from and parallel to the building.
9. The minimum turning radius for all turns shall be 28 feet inside turning radius and 52 feet outside turning radius.

GATE ACCESS ON REQUIRED FIRE LANES

Gates that are installed across fire apparatus access roads/fire lanes are subject to the following requirements.

WIDTH

RESIDENTIAL: Minimum unobstructed width of 20 feet.

COMMERCIAL: Minimum unobstructed width of 24 feet.

MANUALLY OPERATED GATES

Gate designs may incorporate one or two gate sections to meet the required minimum width. Manually operated gates may be secured with a chain and padlock for security purposes. If extra security is required, and the gate is to be secured in such a manner that it can not be opened using bolt cutters, a *Knox Box is required to be installed.

ELECTRICALLY OPERATED GATES

- Permits are required –

Electrically operated gates are subject to the following requirements:

1. Gate must be operated by a Knox *KS-2 Key Switch for emergency access only.
2. Gate must be equipped with a chain drop or other approved disconnect available to emergency crews that allow the gate to be manually operated. The disconnect may be locked or secured, but must be located where it can be accessed by firefighters using standard forcible entry tools. If the disconnect is located inside the fenced enclosure, a personnel access gate must be provided.
3. A walk through gate secured with a long shank padlock or other approved method must be located within 50 feet of a gate across fire lane.
4. If the gate is being used to control access to a private subdivision, apartment complex or high-risk property, additional requirements MUST be met.

*Contact the Fire Prevention Office for additional information or www.knoxbox.com.

THIS DOCUMENT IS FOR INFORMATION PURPOSES ONLY AND IS NOT A COPY OF THE COMPLETE ORDINANCE. TO OBTAIN A COMPLETE COPY CONTACT THE CITY SECRETARY'S OFFICE (817-276-4204) OR THE CITY OF MANSFIELD FIRE DEPARTMENT (817-276-4790).