



**HAYS COUNTY
FIRE MARSHAL'S OFFICE**

810 S. Stagecoach Trail, Suite 1200, San Marcos, TX 78666
TEL: 512-393-7300, Option 2
firemarshal@co.hays.tx.us



**NATHAN P. MENDENHALL, IAAI-FIT, NREMT
Hays County Fire Marshal**

Hays County - Fire Apparatus Access Roads

Facilities, buildings, or portions of buildings must be accessible by fire department apparatus within 150 feet of all portions of buildings and facilities. The access road may be a public road or a "fire lane" on private property. The road must be an approved, all-weather surface capable of supporting at least 75,000 pounds. The Hays County Fire Marshal considers only the following surfaces to be all-weather surfaces: asphalt, concrete, or TxDOT-approved chip seal. If crushed granite or other free-flowing fill is used as a main structural component for the all-weather surface, concrete curbing or other approved edging shall be installed along both sides of the surface for material containment. A registered design professional shall design such curbing and the free-flowing surface must be engineered to carry 75,000 pounds. A Geotech report, sealed by a registered design professional, will be required. Sealed drawings by the registered design professional shall be provided to the fire marshal's office for review. The information listed below is the minimum for fire lanes. County roads may have additional or different requirements.

Minimum Width: Minimum 20 feet wide. All distances do not include shoulders and must be unobstructed.

At fire hydrant - Minimum width of 26 feet wide for a distance of 40 feet centered at each fire hydrant.

Buildings or portions of any building exceeding 30 feet in height: At least one of the required fire apparatus access roads must meet the requirements of aerial apparatus access. The aerial access road must be at least 26 feet wide. The side of the aerial access road closest to the building must be located at least 15 feet and a maximum of 30 feet from the building and must be parallel to one complete side of the building. No overhead utility and power lines or other obstructions are allowed over the aerial fire apparatus roadway or between the aerial fire apparatus roadway and the building. Other requirements also apply.

Minimum Height Clearance: 13 feet 6 inch height clear of any obstructions.

Grade: May not exceed 10 percent. *(Grades in excess of 10 percent may be approved by the county fire marshal, but a Code Modification Variance Request packet must be completed.)*



**HAYS COUNTY
FIRE MARSHAL'S OFFICE**

810 S. Stagecoach Trail, Suite 1200, San Marcos, TX 78666
TEL: 512-393-7300, Option 2
firemarshal@co.hays.tx.us



**NATHAN P. MENDENHALL, IAAI-FIT, NREMT
Hays County Fire Marshal**

Turning Radii: 25 feet inside and 50 feet outside.

Dead Ends: Dead-end roads or driveways in excess of 150 feet must be provided with turnarounds as indicated below.

151-500 feet – 20 feet wide with a 120 foot hammer head, alternative hammer head, 60 foot "Y", or 96 foot diameter cul-de-sac.

501-750 feet – 26 feet wide with a 120 foot hammer head, alternative hammer head, 60 foot "Y", or 96 foot diameter cul-de-sac.

Over 750 – Special approval by fire code official required.

Gates: Minimum width – 20 feet; must be swinging or sliding; capable of being operated by one person. Gates must comply with UL 325 and ASTM F 2200. Gates require the KNOX fire department access locking/unlocking system keyed for the Fire Department servicing that specific address. All gates, operating systems and locking systems must be approved by the County Fire Marshal.

Marking/Signs: Marking and/or signs must be provided on private property fire department access roads and where otherwise required by the Fire Marshal. The marking and/or signs must be in accordance with HCFMO Fire Lane Marking detail.

Roads 20-26 feet wide – Markings/signs on both sides of road/access way is required.

Roads over 26 feet wide – Marking/signs of one side of road/access way is required.

Note: Some streets 35 feet or greater may not require markings/signs except in designated areas.



**HAYS COUNTY
FIRE MARSHAL'S OFFICE**

810 S. Stagecoach Trail, Suite 1200, San Marcos, TX 78666
TEL: 512-393-7300, Option 2
firemarshal@co.hays.tx.us



**NATHAN P. MENDENHALL, IAAI-FIT, NREMT
Hays County Fire Marshal**

Multiple Accessways: A second remote accessway is required as follows. The second accessway may be limited to emergency access only.

One and two family dwellings: Must follow standard Hays County requirements.

One or two family residential developments:

30 or more dwelling units: Two separate and remote access roads are required. Exception: A single access road is allowed if all dwellings units are equipped throughout with fire sprinkler systems.

Multiple Family developments:

100 - 200 more dwelling units: Two separate and remote access roads are required. Exception: 100 to 200 dwelling unit developments may have a single access road if all dwelling units are equipped throughout with fire sprinkler systems.

More than 200 dwelling units: Two separate and remote access roads are required regardless of the provision of fire sprinkler systems.

Commercial and Industrial Developments:

Buildings exceeding 3 stories or 30 feet in height – Must have at least two separate and remote access roads for each structure.

Buildings, facilities or projects exceeding 62,000 square feet – Two separate and approved access roads are required. Exception: Buildings, facilities or projects up to 124,000 square feet may have a single access road if all buildings are equipped throughout with automating sprinkler systems approved by the County Fire Marshal.

References:

International Fire Code, (IFC 2018), Sections 502, 503 and Appendix D.