



LEWISVILLE

Fire Department

Gated Communities and Facilities Security Gates and Traffic Control Points Standard Guidelines for Access

Based upon 2012 Fire Codes

1. All gates and barriers on fire department access roads shall provide a clear opening of 20 ft. width and an unobstructed height of 13 ft. and 6 in. The set back from the main road shall allow the proper turning radius for department fire apparatus.
2. Gates and accessories shall be approved by the AHJ and shall be maintained operational at all times.
1. Gates shall have an emergency means of access that does not require the fire department to maintain individual keys or code. The Fire Department utilizes the following Knox[®] systems:
 - A. Knox[®] Key Switch: Installed at a visible / accessible control point labeled FIRE DEPT. This key overrides the keypad and will place the gate in the "Hold Open" position.

Or

 - B. Knox[®] Padlock with Switchbox: Installed at a visible and accessible control point labeled FIRE DEPT. Removal of the padlock and opening of a switch box activates and overrides the gate in the "Hold Open" position until the switch box is closed.
2. A siren sensor which senses a siren in the "Mono-Yelp" mode shall be installed to allow the gate to open entry for law enforcement and EMS.
3. "Power Failure Mode" requires the gate to assume a fail safe mode where by it can be manually opened by hand without cranks, keys or other devices.
4. Sensor pad shall be installed 10 feet away from the swing of the gate to accommodate the extended fronts of emergency vehicles.
5. If a complex with a single access has potential for blockage due to weather, terrain, etc. that can affect a significant population or facility, then the AHJ may require a secondary access gate at a location remote from the main entrance. This gate must also provide 20 ft. of clear width when open. The gate can be secured in a normally secure mode with a lock and chain that can be forced by the fire department with normal means.
6. Gates must also be easily and quickly forced by standard fire department means such as cutting a lock, chain, pin or quick release device.