



Guidelines and Permit Information: Gate across fire apparatus roads

Permit Required: 2020 MSFC 105.7.12

A construction permit is required for the following:

Gate or Barricade:

1. To install, or modify a gate or barricade across a fire apparatus access road.

Fees: The City of Maple Grove Fee Schedule is available for review on the city website.

Code Guidance/ General Requirements: MSFC, NFPA, and Chapter 18 City Ordinance

- Permit shall be posted on site
- All limited access drives from public streets shall be designed to accommodate emergency service vehicles (fire-police-medical)
 - Gates shall not infringe upon the minimum turning radius as required by the AHJ
- Opening of the gate
 - Primary allowable means to open/operate the gate shall be either a DAMA style lockbox utilizing the tamper-switch or a Knox Co. Gate switch.
 - Manual gates shall be equipped with an AHJ approved padlock
- Electrical equipment operating the gate shall be protected from impact and the elements
- Gates shall either be provided with backup power or provide an approved means of secondary opening in the event of a power loss
- Chains
 - If chains and padlocks are the desired means of securing a fire access road, a key must be provided to the fire department
 - In addition, if the chains become removed and the access presents as a safety issue as identified by the fire department, a more permanent means of securement will be required
- Bollards
 - All bollards installed across secondary access roads shall be approved by the fire department
 - Lanes shall be clearly marked and visible
- A signed letter from the property owner on letterhead shall clearly state the understanding that this access must remain accessible in all weather conditions
 - If chains are used the letter should also include language stating that the owner and future owners understand that if the chains become removed by anyone and present a safety issue, the fire department at no cost or liability to the city may require a more permanent securement method.

Plan Submittal:

Plans shall include the following as applicable:

- Site plans showing the proposed system design that is fully dimensioned and to scale
 - The minimum drawing size scale is 1/8th inch = one foot
 - Details shall be a minimum of ¼ inch = one foot or large enough to be legible if not to scale
 - All details on system components
- Site plan showing turning movements in compliance with 20 foot inside, and 40 foot outside turning radius
- Provide a written description of gate operation during non-primary operation

All plans shall be submitted electronically through ePermits online. No paper plans will be accepted.

Inspections Required:

- Rough-In
- Final

Click [HERE](#) to go to the ePermits website.