



Gates, Barricades, and Perimeter Fencing Submittal Requirements

Introduction

Thank you for your role in supporting safe development and reliable emergency access within the City of Bryan. Fire apparatus roads, fire lanes, gates, and barricades are critical to ensuring emergency responders have unobstructed access during fire, medical, and other emergency incidents in accordance with adopted codes.

This Fire Apparatus Roads, Gates & Barricades Submittal Guide is intended to assist design professionals, engineers, and contractors in navigating the City of Bryan's plan review and permitting process. It outlines submittal requirements, coordination expectations, operational criteria, and inspection standards necessary for compliance with the 2021 International Fire Code, City of Bryan adopted amendments, and applicable NFPA standards.

Complete and coordinated submittals help reduce review time, minimize delays, and support timely project approval. We appreciate your commitment to code-compliant design and look forward to working collaboratively to promote long-term community safety.

Sincerely,

Bryan Fire Marshal's Office

414 Lawrence St, Bryan Tx, 77801
979.209.5960 Ext. 1
Bryantx.gov/fire

Disclaimer:

Submittal guides are subject to revision and update as adopted codes, local amendments, and departmental procedures change. Applicants are responsible for ensuring they are using the most current version of each submittal guide at the time of application. Always download the latest version of this document or reference the online version associated with the project to verify current requirements.

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1 Code Adoption & Amendments

The 2021 edition of the International Fire Code, including appendix B, C, D, E, F, and G as published by the International Code Council, a copy of which is on file with the city secretary and the fire marshal, is adopted to the same extent as though such code were copied at length herein, subject however to the omissions, additions, supplements, and amendments contained in this article. [City of Bryan Municode](#)

NFPA ADOPTIONS

2021 IFC Chapter 80 should be consulted to find which NFPA edition is enforced in the City of Bryan.

2 Permit Fees

A construction permit is required for the installation of gates or approved barricades across fire apparatus access roads within the City of Bryan in accordance with the 2021 International Fire Code and City of Bryan adopted amendments. At this time, there is no fee associated with this specific permit.

All required submittals, plan reviews, inspections, and acceptance procedures remain applicable and must be completed in accordance with adopted codes and established Development Services processes. Applicants are encouraged to submit complete, coordinated, and accurate documentation to support an efficient review and approval process and to avoid delays in construction or Certificate of Occupancy issuance.

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The City reserves the authority to modify fee structures in the future in accordance with adopted ordinances and the adopted fee schedule.

3 Installer Qualification Requirements

Installers of automated vehicular gates located across designated fire apparatus access roads shall demonstrate competency in the installation of gate operators and assemblies in accordance with UL 325, ASTM F2200, and the 2021 International Fire Code.

Acceptable documentation demonstrating installer competency shall include one of the following:

1. **Certified Gate Automation Technician (CGAT)** credential issued by the American Fence Association; or
2. **Manufacturer certification documentation** verifying the installer has completed formal training specific to the gate operator model being installed; or
3. **Alternative documentation demonstrating installer competency**, which may include proof of formal training, documented experience with similar installations, or other evidence acceptable to the Fire Code Official.

The Fire Code Official is authorized to require submission of such documentation prior to permit approval or final acceptance inspection.

Failure to provide documentation demonstrating installer competency may result in permit hold, failed inspection, or denial of approval until compliance is verified.

4 Required Documents

- Manufacturer product data sheets for all components used in the design
 - Documentation must show compliance to:
 - UL 325
 - ASTM 2000

5 Drawings

The following information is required to be clearly indicated on all submitted drawings for gates or barricades installed across fire apparatus access roads. Drawings shall be complete, legible, and sufficiently detailed to demonstrate compliance with the 2021 International Fire Code, City of Bryan adopted amendments, UL 325, and ASTM F2200. Provide a dimensioned site plan showing:

SCALED SITE PLAN

- Location of gate(s) and/or barricades
- Fire apparatus access road width
- Driveway dimensions
- Turning radii, where applicable
- Distance to public right-of-way
- Setback from intersections
- Location of fencing and adjacent structures

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- Location of fire hydrants, FDCs, and fire lanes
- Emergency access route identification
- Location of Knox devices

GATE AND BARRICADE CONSTRUCTION DETAILS

- Gate type, swing, slide, vertical lift, pivot, or barrier arm
- Gate dimensions, width and height
- Structural support details and footing details
- Materials of construction
- Mounting and anchorage details
- Bollard or barricade specifications, if applicable

GATE OPERATOR DOCUMENTATION (AUTOMATED GATES ONLY)

- Manufacturer product data sheet
- Model number clearly identified
- UL 325 listing documentation
- Class of operation, Class I–IV
- Installation manual
- Power requirements
- Disconnect location

MAN GATES AND EGRESS TO THE PUBLIC WAY

Where perimeter fencing, gates, or controlled access features prevent or restrict occupant access to the public way, the design shall include doors or man gates that comply with the egress requirements of the 2021 International Fire Code, Chapter 10, and applicable adopted building code provisions.

Vehicular gates shall not be relied upon to serve as the required means of egress unless specifically approved and demonstrated to comply with all applicable egress provisions.

6 Acceptance Testing Requirements

Fire Apparatus Roads – Gates & Barricades

Where gates or barricades are installed across required fire apparatus access roads, or where perimeter fencing or access control features affect required means of egress to the public way, acceptance testing shall be required prior to final approval.

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