



# GATE PERMIT Submittal Checklist

7/5/11 V6

## City of Henderson Development Services Center

240 Water Street  
PO Box 95050  
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(702) 267-3600 phone  
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This checklist is provided for the convenience of our customers. Complete and accurate plan submittals help speed the plan review process. Attention to the completeness and accuracy of information at the beginning of the process generally leads to fewer delays and requests for revisions by City staff. Please use the checklist to ensure that your application includes all of the information necessary for a timely review of your plans.

### Part. 1 Applicant's Responsibility

**Applicants are responsible for submitting complete applications.** Incomplete applications will result in permit being rejected for acceptance, or returned to the applicant during the review process. City service commitments will not apply to incomplete submittals.

### Part. 2 Prerequisites

The following must be completed before a gate permit application can be accepted for processing:

#### **A Completed Traffic Study & Queuing Analysis [if applicable]**

*The distance called out in the traffic study must match the actual distance identified on the gate permit and civil improvement plan submittals. Revisions to the civil improvement plans are required when distances are inconsistent. For more information, please contact Public Works – Traffic Division at 267-3099.*

#### **Gate Address**

A gate address is required by Sprint and Utility Services for the required telephone.

#### **Associated Civil Improvement Plans**

*Must have previously approved plans or plans must be submitted and in the review process. A Gate Permit cannot be issued until the accompanying civil improvement plans are approved. Delays in getting the civil improvement plans approved will delay the issuance of the building permit. Gate Permit submittal must meet all existing conditions of approval.*

### Part. 3 Applicable Codes

Project must meet the requirements of the City's adopted codes, ordinances, and regulations:

2009 International Building Code with local amendments

2009 International Fire Code with local amendments

Development Code, of the Henderson Municipal Code [Titles 13 & 19]

Conditions of approval from prior zoning, design review, and map applications

Underwriters Laboratory 325

### Part. 4 Submittal Package

Provide the following information at the time you submit your application for a gate permit. Please submit the required number of copies of plans and related documents for routing to reviewing departments:

**Completed F080 and F085 Permit application**

**Gate Permit Fee**

**5 complete sets of plans**

**Specifications for fire apparatus access road gates [if applicable]**

**Civil Improvement Plan number**

Provide the number or a copy of the civil improvement plan which identifies the gate.

**Manufacturers' specification sheets if F080**

Show detail of the voltage, current, radio frequency, power cable and coding for the proposed system.

## Part. 5 Plan Contents

Plans must contain the following minimum contents. It is not intended to be all inclusive of every detail required. It does provide an overview of the basic plan contents.

*See the Clark County Area Standard Drawings for more information.*

### Site Plan

Site Plan must be in compliance with the approved entitlements for the project and any conditions of approval. Show:

- \_\_\_ North arrow
- \_\_\_ Gate dimensions
- \_\_\_ Detailed vicinity map
- \_\_\_ Location of underground roadway detector loop applicable only for permit F080
- \_\_\_ All street & roadway names
- \_\_\_ Map key
- \_\_\_ Gate address

### Elevations

Show all views, vertical dimensions and heights, and identify all materials and approve colors. Provide elevations of exterior walls and communications equipment [if applicable]. Provide a dimension from the street to the gate call box.

## Part. 6 Installation Specifications

### Gate Opening

Must have a minimum clear opening width of 20' – 0".

### Electrically operated gates

- \_\_\_ Must begin automatic opening sequence at a point no closer than 25' – 0" as measured from the center of the gate towards the public street.
- \_\_\_ Must be equipped with an Automatic Vehicle Identification Device, utilizing a standard roadway loop to a vehicle detector/receiver.

### Automatic Vehicle Identification Access Systems must include:

1. Voltage – 12 volt D.C. (11.5 – 15.0), with protection against current reversal and momentary over voltage.
2. Current – 0.065 amps to 0.035 amps
3. R.F. – 375 Khz, crystal controlled and pulse modulated type carrier(s).
4. Power Cable – utilize two conductor twisted and shielded cable.
5. Coding – codes must transmit every 15 minutes.
6. The emergency vehicle access code shall be the same code as that utilized for the systems safety loop. It is the manufacturer's responsibility to insure that the Emergency Vehicle Access Code is identical for all installations within all of Clark County.
7. The traffic engineer having jurisdiction must approve all stacking lanes and gate locations. A minimum of 50 feet roadway throat depth is required. The distance is measured from the gate toward the right of way.
8. A green colored reflective marker shall be installed, centered in the lane at the start of the stacking lane.
9. A second green road marker shall be installed in the center of the loop directly in front of the gate. Manual gates shall have the green marker installed in front of the gate.
10. On manual gates, the locking devices shall be equipped with a Knox Company key box or padlock as approved by the local fire department.
11. Meet Underwriters Laboratory 325 Requirements

## Part. 7 Inspections

### Final inspection

Conducted by the Building & Fire Safety Department and is required prior to placing the Automatic Vehicle Identification System into use. The following conditions apply:

1. Approved plans must be provided on site at time of inspection.
2. Inspections must be scheduled a minimum of 24-hours in advance.
3. Installations must conform to approved plans.
4. As a condition of final approval, two vehicle detector/receiver devices compatible with the Vehicle Identification System must be issued to the Building & Fire Safety Department representative.
5. An operational test must be conducted prior to placing the system into operation to establish the final installation complies with this code, the specified design, and is functioning properly.

**To Schedule An Inspection**

Contact Fire Safety Inspections at 267-3930 Monday through Thursday.

**Part. 8 Gate Maintenance**

Emergency vehicle access gates shall be kept in an operable condition at all times.

All repairs shall be in accordance with the manufacturer's recommendations and original specifications.

Non-conforming gates or gates placed out of service shall be secured in the open position until repaired or brought into compliance.