



Clark County Department of Building & Fire Prevention

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FIRE PREVENTION: PERMIT GUIDE TRAFFIC CALMING DEVICES

Common devices for encouraging drivers to slow their speed and thereby reducing the risk of collisions with pedestrians are speed bumps, speed humps and rumble strips. These are regulated on private fire access routes since they affect fire department operations. Traffic calming devices are not permitted on any public roadway in Clark County but may be installed on private fire access routes under this permit type.

APPLICABLE CODES:

Clark County Amendments to the 2018 *International Fire Code* Section 503.4.1 addresses traffic calming devices as follows:

503.4.1 Traffic calming devices. Traffic calming devices shall be prohibited unless approved by the fire code official.

Exceptions:

1. **Speed humps are allowed on private fire apparatus roads serving commercial and industrial buildings when approved by the fire code official. The location(s), the number permitted, and the design of the speed hump(s) shall meet the approval of the fire code official.**
2. **Rumble strips are allowed on any private fire apparatus road serving residential, commercial and industrial buildings when approved by the fire code official. A rumble strip must be no higher than $\frac{3}{4}$ inch at the highest elevation above the roadway, and a maximum of eight feet in length, as measured along the direction of vehicle travel.**

The fire code official is authorized to require the removal from any private property of any existing traffic management or calming device, including speed bumps that do not meet the applicable criteria, and has been determined by the fire code official to unnecessarily hinder emergency apparatus response.

Examples of speed humps and rumble strips are given on the last page of this guide.

SUBMITTAL REQUIREMENTS:

Provide a diagram that is either drawn to scale or show dimensions of the fire access lane and the proposed location(s) of the traffic calming device(s). Also provide state the type of device to be installed (speed hump or rumble strip).

HOW TO SUBMIT:

Plans are to be submitted electronically. Paper plans are no longer accepted. Files should be uploaded via the Clark County Citizen Access Portal:

<https://citizenaccess.clarkcountynv.gov/CitizenAccess/Default.aspx>

Upload separate **consolidated** .PDF files that apply to your project.

COMMUNICATION:

Once your plans are submitted you will receive a permit number (example= FP20-00000). Plan status can be viewed by logging into your account in the Customer Portal and typing in your fire permit number. <https://citizenaccess.clarkcountynv.gov/CitizenAccess/Default.aspx>

CONTACT PERSON ON APPLICATION: Ensure that the correct contact person is provided on the application. This will be the correspondent who receives all the email updates and correction comments once plan is submitted.

ADDITIONAL INFORMATION NEEDED: If you receive this request; Fire Intake has reviewed your submittal and there is additional information is needed for the review to proceed. It will be placed back in the Review Queue as soon as the additional information is received.

PLANS APPROVED: Once plans are approved, and fees are verified; an email will be sent to the contact person. Inspections are scheduled after any outstanding **fees** are paid.

PLANS- CORRECTIONS REQUESTED: Once corrections are issued an email will be sent to the contact person. Customers should log in to customer portal and download the redlined plans and plan review comments.

FIRE PLAN REVIEW STAFF CONTACT LINK:

<https://cms8.revize.com/revize/clarknv/Building%20&%20Fire%20Prevention/Phone/Fire%20Prevention%20Contact%20LIST.pdf?t=1598331557874&t=1598331557874>

RE-SUBMITTALS AND REVISIONS:

1. **CORRECTIONS:** Corrected plans are to be submitted using the Accela On-Portal. A letter describing the changes shall be provided with your revised submittal. **Please Note:** The Redlined plans are already in the file and do not need to be uploaded again.
2. **REVISIONS:** If plans are revised after approval; revisions will need to be submitted and approved prior to **FINAL** system acceptance. Revisions are to be submitted the same manner as the original submittal. The following items should be included with a revision;
 - All changes should be **clouded and keyed** to Plan Revision# (FP20-00000-R001).
 - If any piping or fittings are added thus creating a greater hydraulic demand **revised** hydraulic calculations will need to be provided.
 - A revision letter shall also be provided indicating what changes were made and where they occur.
 - A copy of the original approved plans should be included.

Link to CITIZEN ACCESS HOW TO GUIDES:

https://www.clarkcountynv.gov/government/departments/building_fire_prevention/citizen_access_knowledge_base.php

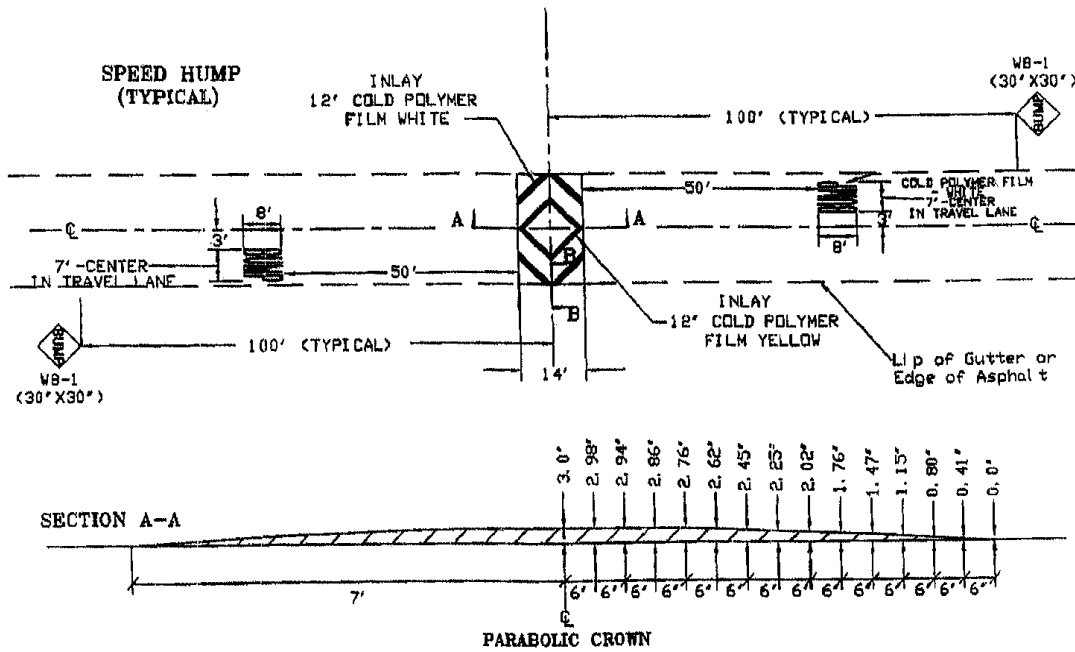
SUBMITTAL SERVICE LEVEL OPTIONS/FEE SCHEDULE:

Service levels, base fees and an expected plan review due dates **are** established at the time of submittal. Different plan review service levels are available depending on scope of work, fees and staff availability. All service levels may not be available. Plans are reviewed in the order received according to the expected due date. Note that due dates cannot be guaranteed. Refer to section 106.6 of the CCFC for additional information on fees.

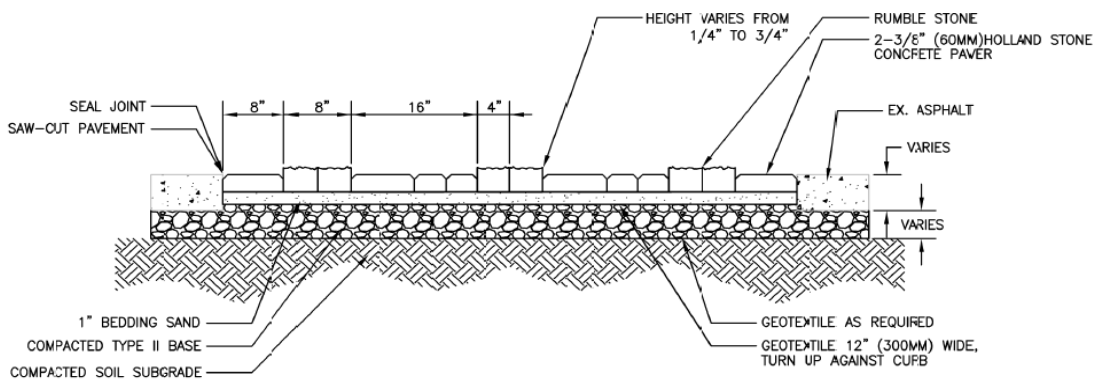
INSPECTION OPTIONS/INSPECTION SCHEDULING:

https://www.clarkcountynv.gov/government/departments/building_fire_prevention/inspection/schedule_an_inspection.php

EXAMPLE SPEED HUMP AND RUMBLE STRIP



CLARK COUNTY FIRE DEPARTMENT SPEED HUMP EXAMPLE



NOTES:

1. LOW PROFILE TRAFFIC CALMING DEVICE DESIGNED TO REDUCE EXCESSIVE SPEEDS AND NOTIFY DRIVERS OF IMPENDING CHANGES IN TRAFFIC CONDITIONS SUCH AS STOP SIGNS, INTERSECTIONS, OR CROSSWALKS.
2. BASE THICKNESS DETERMINED BY THICKNESS OF EXISTING ASPHALT ALONG WITH TRAFFIC, CLIMATE, AND SUB-GRADE CONDITIONS.
3. THIS DETAIL IS NOT RECOMMENDED FOR OTHER THAN LOW VOLUME RESIDENTIAL STREETS WITH A POSTED SPEED LIMIT OF 25 MPH OR LESS.