CITY OF NORTH LAS VEGAS
FIRE PREVENTION
TRAFFIC CALMING DEVICE
SUBMITTAL GUIDELINE

A fire permit is required for the installation of any traffic calming device per section 503.4.1 of the 2024 *International Fire Code.* Please complete and upload a fire protection application and any other required submittal documents to the Permit Application Center.

APPLICABLE CODES:

The following codes and standards apply to this permit.

• *International Fire Code,* 2024 edition section 503.4.1 *as amended*

• *North Las Vegas Fire Code Amendments,* 2024 edition

This guideline was developed in an effort to assist those responsible for preparing and submitting a permit for the installation of any traffic calming device. This submittal guideline is not all inclusive, nor does it limit to the extent of the information which may be necessary to properly evaluate the submitted plans and documents. Not all items may apply to your project.

1. **Submittal Requirements:**
    a. An overall site map showing the following:
        i. Project street address.
        ii. Location of all fire access lanes.
        iii. Locations of all traffic calming devices.
        iv. Detailed design of the proposed device to be installed.
        v. Contractor/Applicant name and address.
        vi. Contractor/Applicant phone number and email address.
        vii. Contractor/Applicant signature.

2. **Traffic Calming Devices – IFC code section 503.4.1 as amended**
    a. Traffic calming devices shall be prohibited unless approved by the fire code official.
    Exception: Speed humps are allowed on private fire apparatus access roads servicing 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 approval of the *Fire Code Official.*
    b. The *Fire Code Official* is authorized to require the removal from any private property of any existing traffic management or calming device(s), 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.

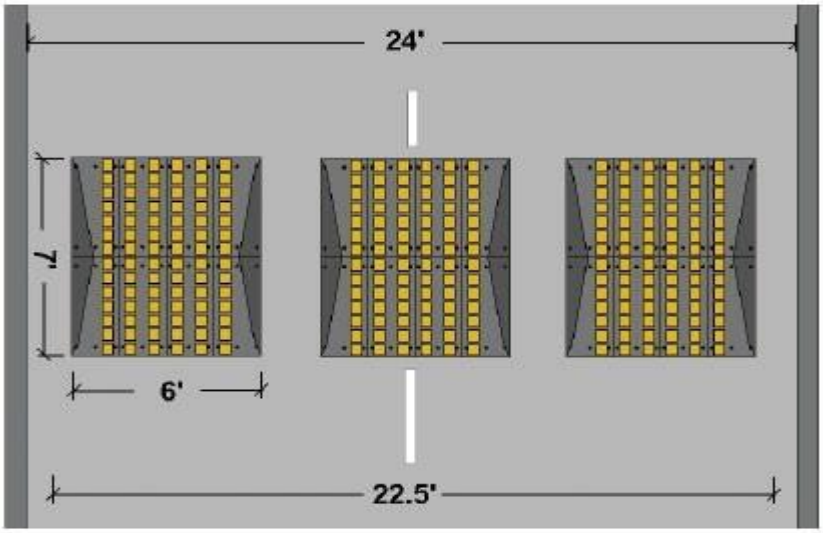
3. **Placement of Speed Humps Criteria:**
    a. Must be a two-lane *private street* that is in a residential neighborhood. (HOA approval required prior to submission of the application)
    b. The speed limit shall not be greater than 25 miles per hour.
    c. May be permitted on private fire access roads that service a commercial/industrial building or commercial subdivision.
    d. Speed humps shall be set back a minimum of 100 feet from development entryways, intersections, and from any turns or bends in the vehicular travel path.
    e. Additional speed humps shall be spaced a minimum of 400-600 feet apart.
    f. Speed humps shall not be installed in front of driveways, fire hydrants, emergency access gates, or in any other location not approved by the *Fire Code Official.*
    g. A traffic study/analysis may be required, subject to City Traffic Engineer.

4. **Signs and Markings**
    a. The standard warning sign for speed humps is the MUTCD W17-1 “SPEED HUMP” sign. All signs and pavement markings shall comply with Sections 2C.27, 3B.29, and 3B.30 of the *Manual on Uniform Traffic Control Devices (MUTCD), 11th Edition.*
    b. For reference, the MUTCD can be accessed through the Federal Highway Administration website at: **http://www.fhwa.dot.gov.**

W17-1

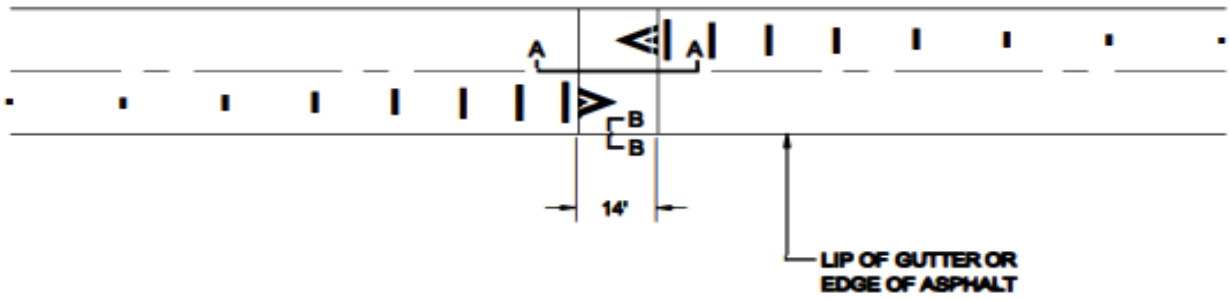
SPEED HUMPS/CUSHIONS

Unit Specifications

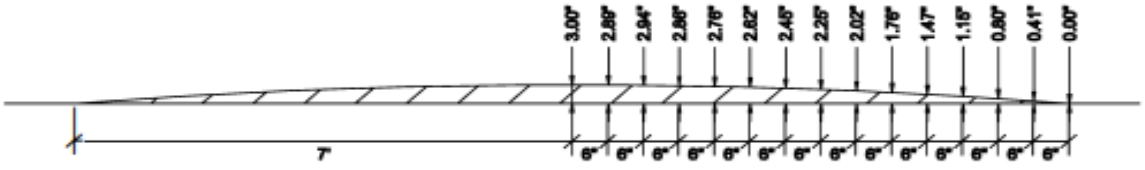


SPEED HUMP (TYPICAL)

* ALL SPEED HUMP MARKINGS ARE TO CONFORM TO THE CURRENT VERSION OF THE MUTCD

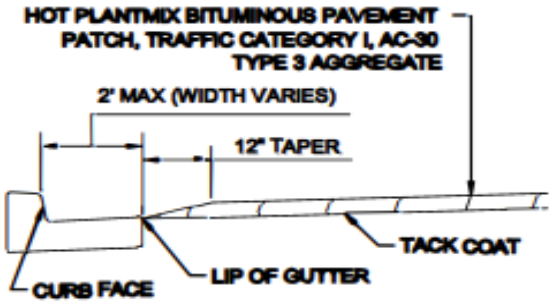


SECTION A-A

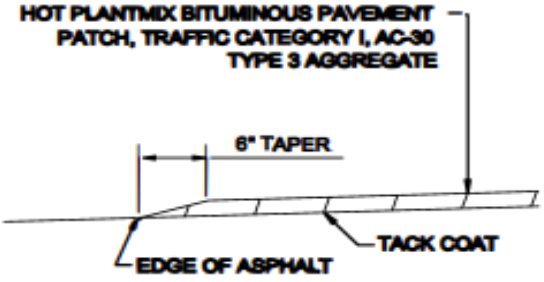


PARABOLIC CROWN

SECTION B-B



CURB DETAIL



SHOULDER DETAIL
(FOR STREETS WITHOUT CURBS)

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

Exception: Speed humps are allowed on private fire apparatus access 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*.

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.

STANDARD DRAWING
City of North Las Vegas

14' SPEED HUMP
(For On-site Commercial Use Only)

DATE 09/29/2022 | **PAGE NO.** 4