



California Fire Code Definitions:

Fire apparatus access road: A road that provides fire apparatus access from a fire station to a facility, building or portion thereof. This is a general term inclusive of all other terms such as fire lane, public street, private street, parking lot and access roadway.

Traffic calming devices: Traffic calming devices are design elements of fire apparatus access roads such as street alignment, installation of barriers, and other physical measures intended to reduce traffic and cut-through volumes, and slow vehicle speeds.

California Fire Code Section 5.3.4.1, Traffic calming devices. Traffic calming devices shall be prohibited unless approved by the fire code official.

Fire Department Approval and Submittal Requirements:

- A digital site plan shall be submitted to the Oceanside Fire Community Risk Reduction Division for review. Utilize the Oceanside Fire Department Plan Submittal portal on the website.
- Provide a letter indicating the scope of work on a HOA or business letterhead.
- All street names along with road widths shall be included.
- Indicate if streets are public or private. If streets are public, the City of Oceanside Traffic Control Division will also be required to review the application.
- Show all proposed locations of speed humps or speed lumps. Specify and provide detail of the speed hump or lump you are proposing with the submittal. See next pages for reference.
- Spacing between speed humps or lumps shall be between 260 to 500 feet.
- Speed bumps or lumps shall not be installed in front of driveways or on a sharp curve.

Plan review Information:

- There is a fee for the plan review and a fee for the inspection after the final installation.
- Once the plan submittal is submitted, the fire department will conduct a time trial utilizing the NFPA 1710 5-minute evaluation criteria. Time trials are required for all speed hump proposals. Time trials are not required for speed lump proposals.
- Typically, for speed humps, the delay for a fire truck is in the 3 to 5 seconds range. Delays can be up to 10 seconds for an ambulance with a patient.



Speed Humps

(\$3,000 to \$5,000)

Description & Purpose

Speed humps are rounded, tapered raised areas placed across a roadway to reduce speeds. Speed humps are supplemented with appropriate striping and signage to adequately inform motorists of the traffic calming device.



Via Clemente, Oceanside

Fast Facts:

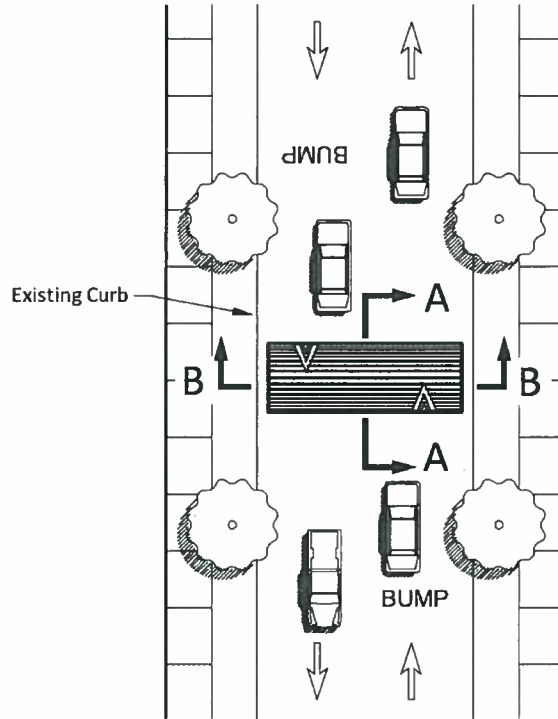
Can be used on Local Street	Yes
Can be used on Collector	Possible
Can be used on Arterial	No
Reduces Speed	Yes
Reduces Volume	Possible
Noise Impact	Yes
Restricts Access	No
Bicyclist Impact	No
Transit Impact	No
Parking Impact	No
Emergency Response Impact	Yes

Advantages

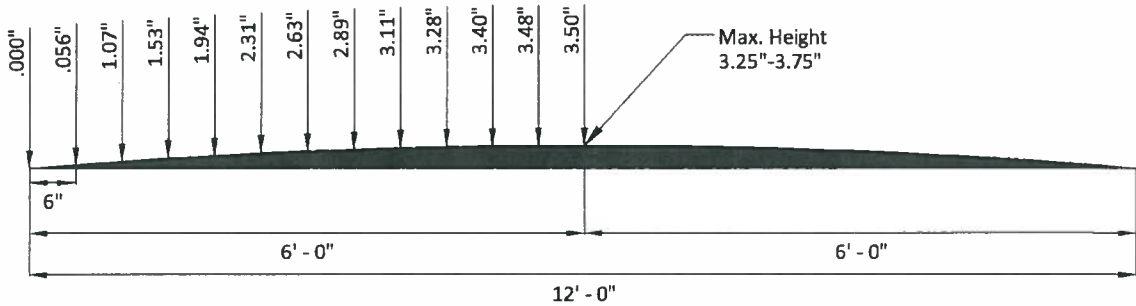
- Effective in reducing speeds

Disadvantages

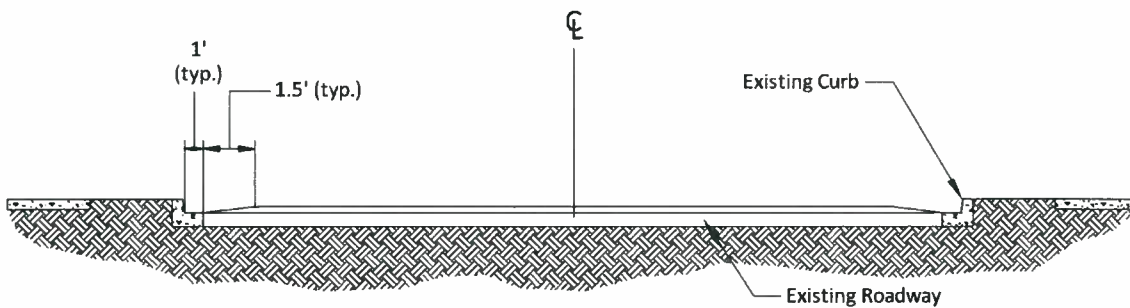
- Impacts emergency response times
- Increases regular maintenance



- Notes:**
- * Supplemental signing and striping required per the California MUTCD
 - * Designed and constructed per the City of Oceanside Engineers Design and Processing Manual
 - * Drainage requirements must be evaluated and addressed
 - * Begin speed humps at the edge of the gutter; if no gutter exists begin the speed humps 1' from the curb face



Section A-A



Section B-B



Speed Lumps

(\$4,000 to \$6,000)

Description & Purpose

Speed lumps are similar to speed humps in that they are rounded, tapered raised areas placed across a roadway to reduce speeds. However, speed lumps are designed to allow emergency vehicles to travel along a roadway with minimal impact to response times. Speed lumps are supplemented with appropriate striping and signage to adequately inform motorists of the traffic calming device.



Carey Road, Oceanside

Fast Facts:

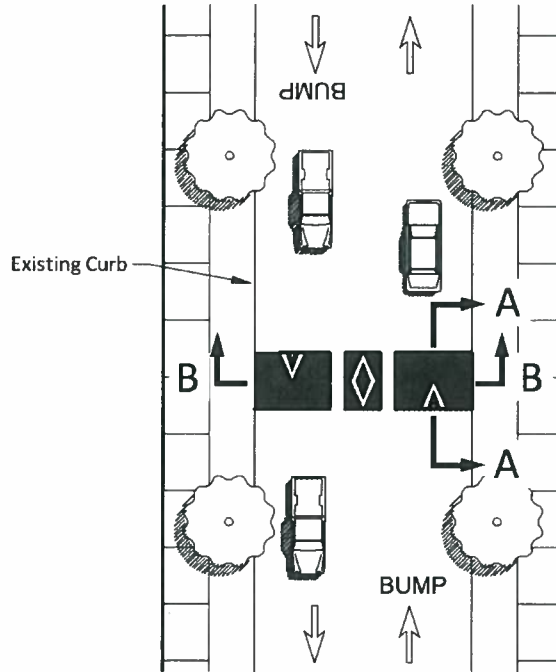
Can be used on Local Street	Yes
Can be used on Collector	Possible
Can be used on Arterial	No
Reduces Speed	Yes
Reduces Volume	Possible
Noise Impact	Yes
Restricts Access	No
Bicyclist Impact	No
Transit Impact	No
Parking Impact	No
Emergency Response Impact	No

Advantages

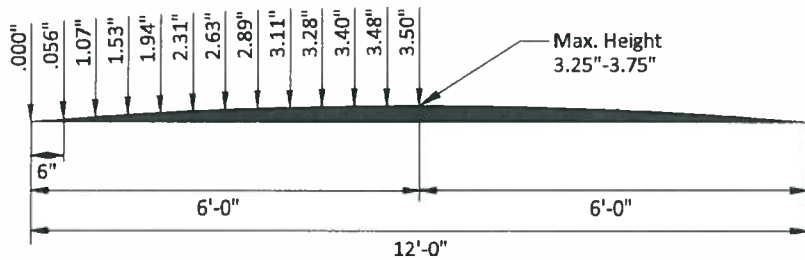
- Effective in reducing speeds
- Minimal impact to emergency response times

Disadvantages

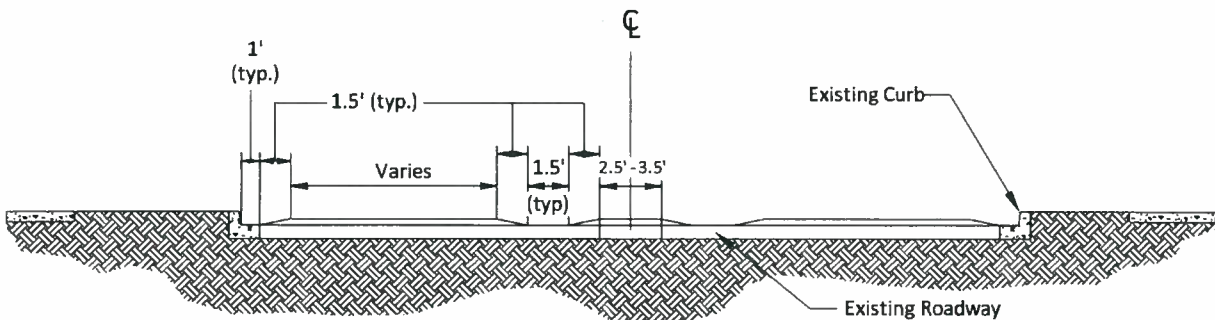
- Increases regular maintenance



- Notes:**
- * Supplemental signing and striping required per the California MUTCD
 - * Designed and constructed per the City of Oceanside Engineers Design and Processing Manual
 - * Drainage requirements must be evaluated and addressed
 - * Begin speed lumps at the edge of the gutter; if no gutter exists begin the speed lumps 1' from the curb face



Section A-A



Section B-B