



## Menlo Park Fire Protection District Fire Prevention Bureau

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### MENLO PARK FIRE PROTECTION DISTRICT STANDARD APPENDIX D, FIRE APPARATUS ACCESS ROADS SECTION D103.7 TRAFFIC CALMING DEVICE

#### **D103.7 Traffic Calming Devices.**

**D103.7.1 Scope.** The installation of any traffic calming device shall be in accordance with Federal, State, and County guidelines and the requirements set forth in this Standard.

#### **Emergency Response Issues:**

- Concern over jarring of emergency rescue vehicles
- Approximate delay of between 3 and 5 seconds per hump for fire trucks and up to 10 seconds for ambulances with patients

**D103.7.2 Definitions.** Traffic calming devices shall including any impairment constructed on the roadway that is intended to slow the flow of traffic. This shall include but not be limited to speed bumps, speed humps, speed lumps, underlations, or roadway roundabouts.

**D103.7.3 Locations.** When approved by the Fire Chief, traffic calming devices shall be installed in accordance with the following Federal Highway Administration guidelines:

1. Traffic calming devices may only be installed on residential streets. They shall not be used on major roads, bus routes, or primary emergency response routes.
2. Speed humps shall not be placed mid-block or at intersections.
3. Traffic calming devices shall not on located grades greater than 8 percent.
4. The maximum height of a speed hump shall not exceed 3.5 inches.
5. In accordance with San Mateo County Policy, speed humps shall not be placed on streets where posted speed limits are 30 miles per hour or more.

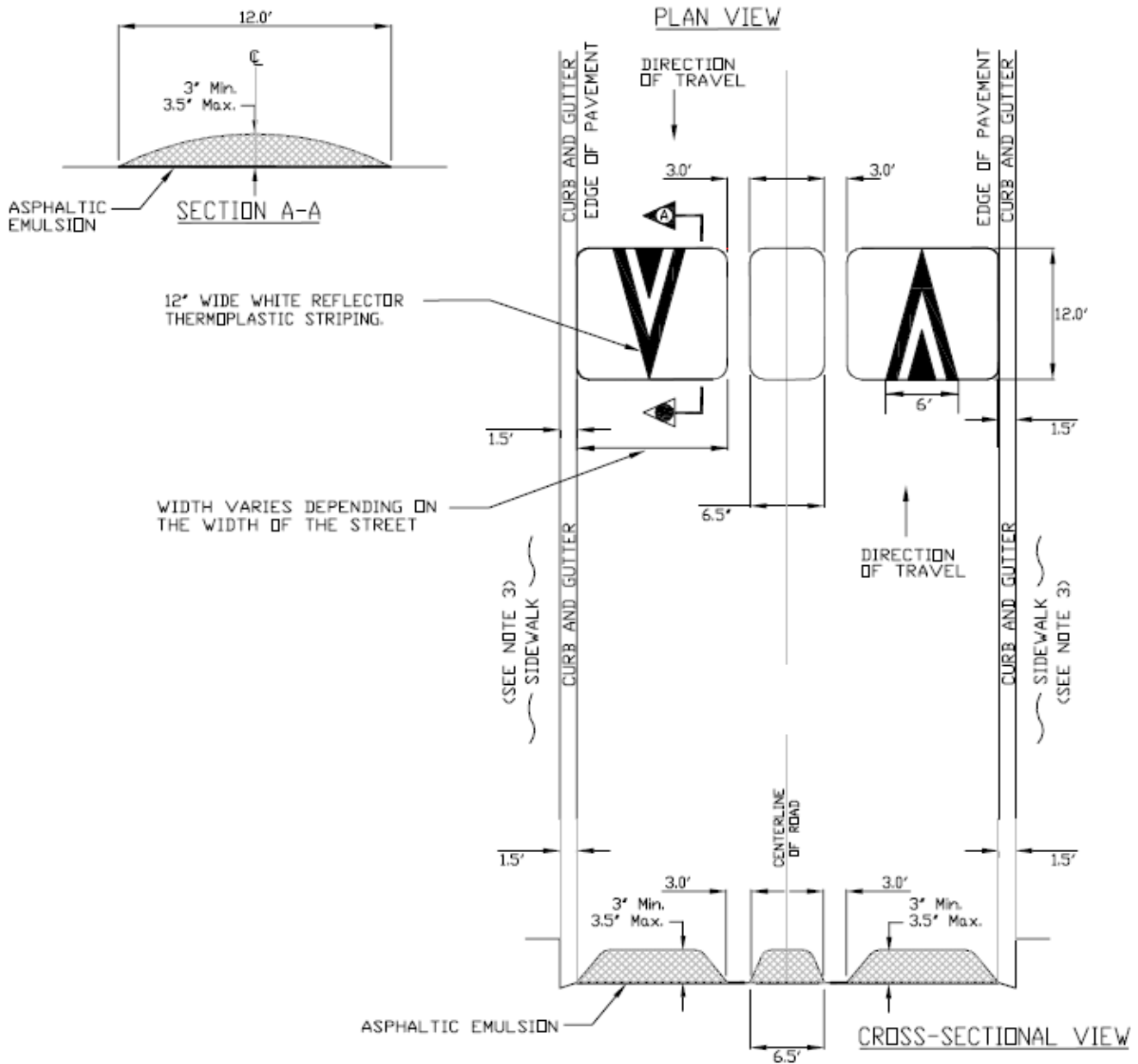
**D103.7.4 Installation of traffic calming devices.** When allowed by the Fire Chief, traffic calming devices shall be installed in such a manner as to not obstruct the required width of a fire lane as specified by Chapter 9 of the California Fire Code.

**D103.7.4.1 Installation of speed lumps.** Speed lumps shall be installed in accordance with the attached San Mateo County Department of Public Works drawing.

SAN MATEO COUNTY DEPARTMENT  
OF  
PUBLIC WORKS  
.....  
REDWOOD CITY  
CALIFORNIA

DRAWN BY: EPC  
CHECK BY: LE  
APPROVED BY: LE

SCALE: NONE  
DATE: 11/04  
REVISED: \_\_\_\_\_



TYPICAL CONSTRUCTION DETAIL: SPEED LUMP

NOT TO SCALE

**NOTES:**

1. SPEED HUMP STRIPING MAY BE ELIMINATED, AT THE DIRECTION OF THE ENGINEER.