



WOODSIDE FIRE PROTECTION DISTRICT

Traffic Calming Devices *Design and Installation Standard*

808 Portola Rd. #C Portola Valley, CA 94028 Fire Prevention 650-851-1594 Fax 650-851-3960

October 2024

SCOPE. When allowed by the fire code official, 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.

Traffic Calming Devices

Plans for traffic calming devices must be submitted for the Department's review and approval. We support the design of safe streets and the need for devices intended to slow traffic, i.e., islands, roundabouts, and bump outs; however, we discourage the use of speed humps. In most cases, traffic calming devices can be designed within our minimum requirements.

Emergency Response Issues with speed humps:

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

Locations. Traffic calming devices shall be allowed in locations approved by the fire code official. Traffic calming devices shall be installed in accordance with the following Federal Highway Administration guidelines:

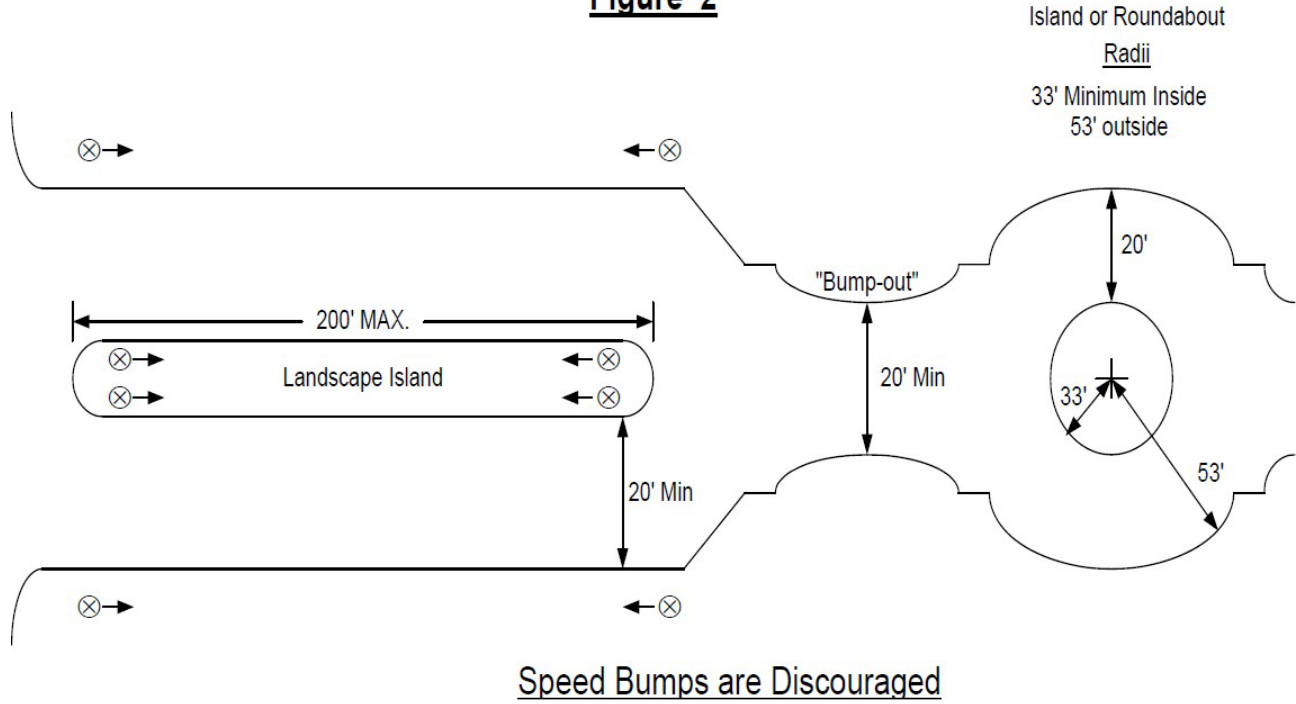
1. Traffic calming devices may only be installed on residential streets. They shall not be used on major roads, bus routes, or primary emergency response routes.
2. Speed humps shall not be placed mid-block or at intersections.
3. Traffic calming devices shall not be located on grades greater than 8 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.

Installation of traffic calming devices. When allowed by the fire code official, traffic calming devices such as roundabouts or other devices that are meant to disrupt the normal flow of traffic, such devices shall be installed in a manner that does not obstruct the required width of a fire lane as specified by the California Fire Code Section 503.

Installation of speed humps. When approved by the fire code official, speed humps may be installed in accordance with the Federal Highway Administration *Manual on Uniform Traffic Control Devices*, Woodside Fire Protection District approved speed hump drawing, or local approved speed hump drawing.

Traffic Calming Devices *Exaggerated*

Figure 2



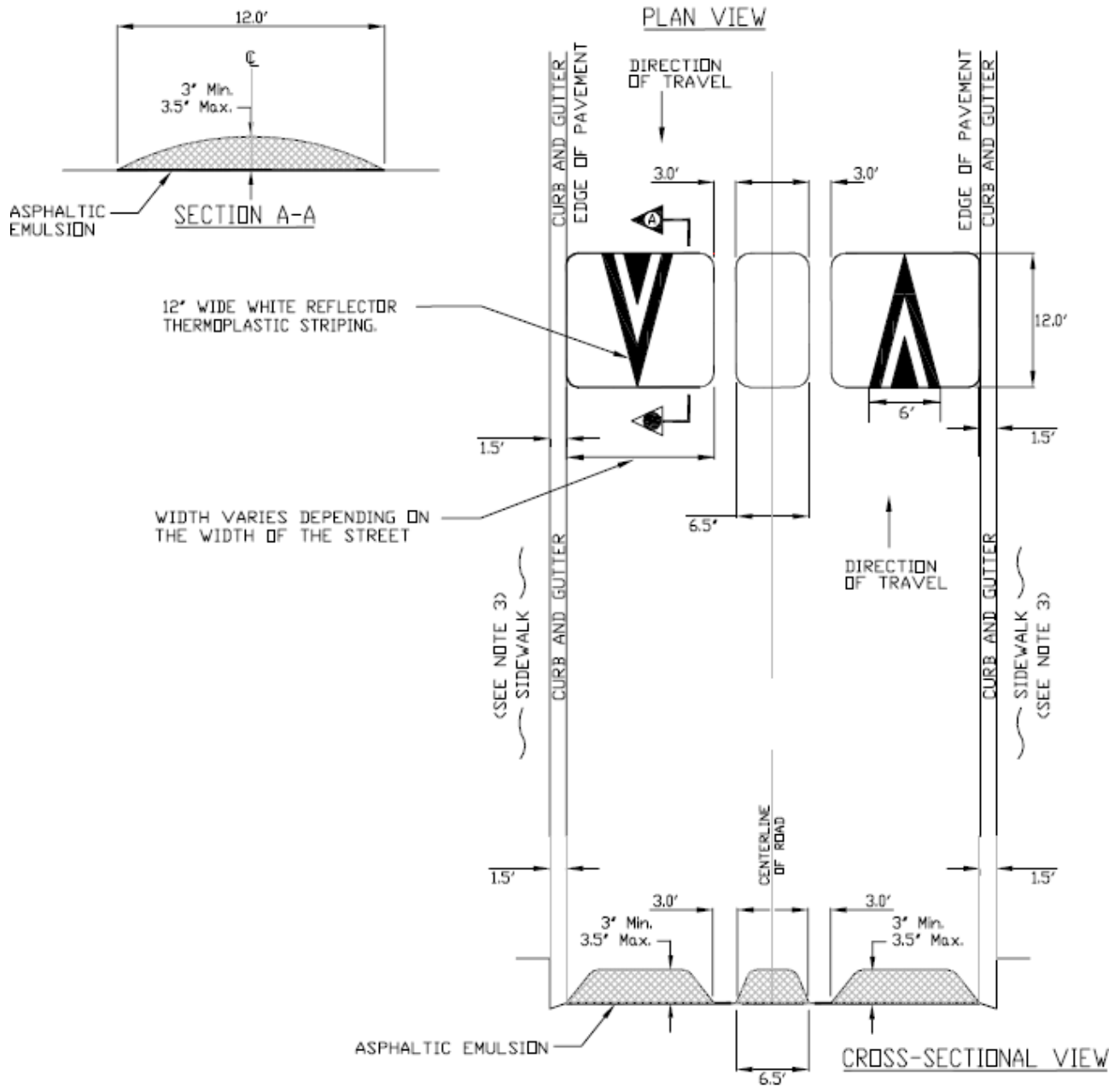
⊗ ←
→ ⊗ Fire Lane Signs (Directions)

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.