FIRE PREVENTION STANDARD
TRAFFIC CALMING DEVICES

The San Ramon Valley Fire Protection District developed this standard pursuant to Chapter 1 section 104 and Chapter 5 section 503.4.1 of the California Fire Code as adopted and amended by ordinance. It is intended that this standard be used as a guide for establishing a reasonable degree of fire and life safety relative to Traffic Calming Devices.

PURPOSE
To provide requirements for Traffic Calming Devices.

GENERAL
Requirements
1. Traffic calming devices on public streets are subject to review and approval by the agency responsible for maintenance of the road i.e. Contra Costa County, Town of Danville, City of San Ramon.

2. All other traffic calming devices, including those on private streets, roadways and parking lots must be approved by the San Ramon Valley Fire Protection District.

3. The Fire District may require further analysis at any time if it is determined that the installation of traffic calming devices may negatively impact emergency response times.

Specifications
1. Traffic calming devices shall follow specifications as shown in Exhibit A or B.

2. Traffic calming devices on roadways are required to have roadway signage as shown in Exhibits C and D.

3. Traffic calming devices in parking lots are not required to have signage as shown in Exhibits C and D.

4. “BUMP AHEAD” legends shall be placed in both directions of traffic at 100 feet in advance of the speed lump.
Exhibit A: SPEED LUMP < 34’ WIDE

**NOTES:**
1. 50’ of centerline marking (detail A-23) on each side of the speed lump and 12’ on top of the speed lump.  
2. Average width of street is less than 34’.  
3. Minimum width of street is 23.5’ excluding the curb and gutter.
Exhibit B: SPEED LUMP > 34' WIDE

NOTES:

1. 50' OF CENTERLINE MARKING (DETAIL-23) ON EACH SIDE OF THE SPEED LUMP AND 12" ON TOP OF THE SPEED LUMP.
2. AVERAGE WIDTH OF STREET IS 34' EXCLUDING THE CURB AND GUTTER.
Exhibit C: SPEED LUMP STANDARD DETAIL

**Typical Profile**
- **Excavate and fill with asphalt** 18" wide x 2' deep x 4' long section along the edge of speed lump (both sides).
- **Tack coat ex. ac pavement**
- **Type B, 3/8" max ac**
- **Roadway surface**
- **Height before compaction**
  - 3 1/2" 4 1/8" 4 3/4" 3 1/2" 2 1/8" 2 1/4" 3 8" 4 1/8" 4 3/4" 3 1/2" 2 1/4" 2 1/8" 3 8"
- **Height after compaction**
  - 2 5/8" 3 1/8" 4 1/8" 3 1/8" 2 1/4" 2 1/8" 3 8" 4 1/8" 4 3/4" 3 1/2" 2 1/4" 2 1/8" 3 8"

**Signs**
- **Bump Ahead**
- **Advanced Warning Sign**
Exhibit D: SPEED LUMP STANDARD DETAIL