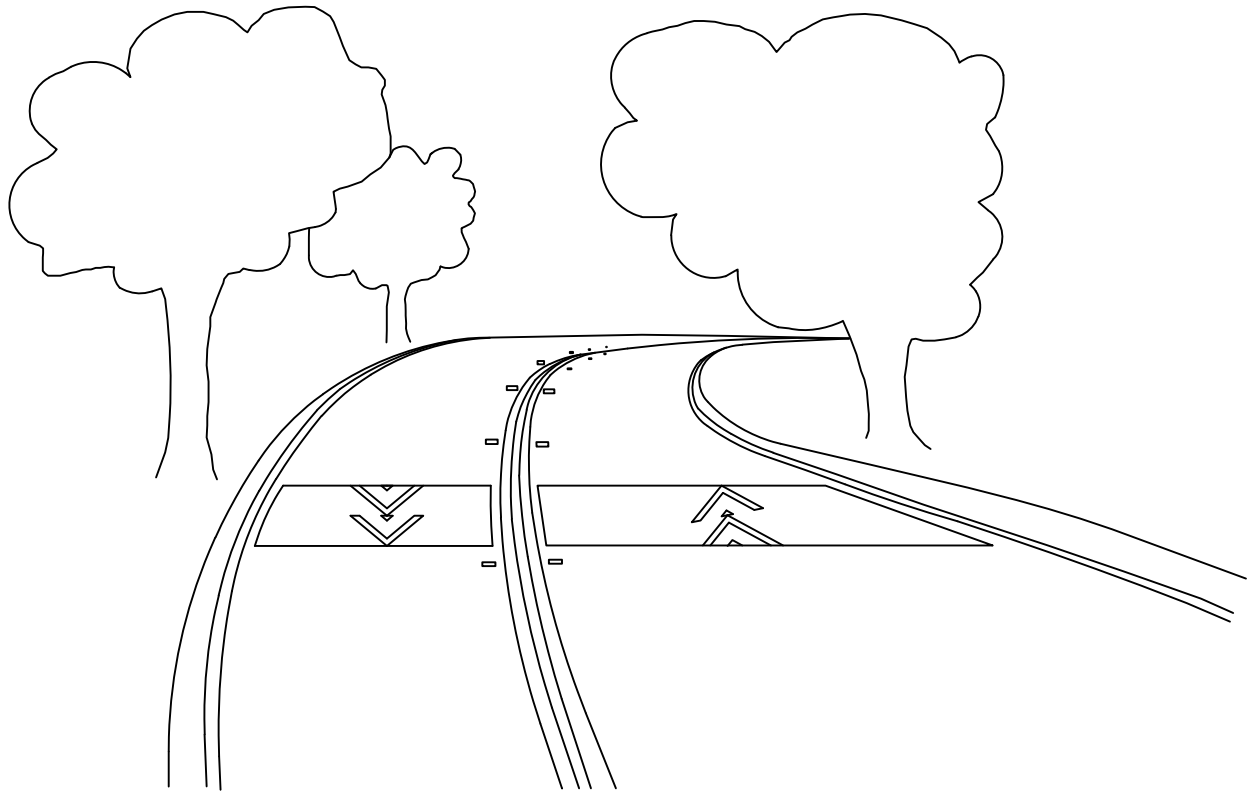


SPEED HUMP/CUSHION GUIDELINES



COUNTY
OF
VENTURA

PUBLIC WORKS AGENCY
ROADS & TRANSPORTATION
VENTURA, CALIFORNIA

PUBLIC
VENTURA COUNTY
WORKS



COUNTY OF VENTURA SPEED HUMPS/CUSHIONS POLICIES AND WARRANTS

POLICIES	
1	<p>Speed humps/cushions will be installed only:</p> <ul style="list-style-type: none"> • If the location meets the warrants established by the Board of Supervisors. • Upon receipt of the required petition or when the Road Commissioner or his designee initiates the proposal <li style="text-align: center;">-and- • The Board of Supervisors or the Road Commissioner or his designee approves the request. <li style="text-align: center;">-and- • In conformance with the standard design in effect at the time of installation. <p>A petition for installation of speed humps/cushions must be signed by a minimum of 67% of the property owners on the street or the portion of the street affected concurring in the proposed installation. The petition must contain language to the effect that, if the petition is approved, the petitioners must deposit with the Public Works Agency funds in the estimated amount of the cost of installation of the speed humps/cushions before work will be authorized.</p>
2	<p>Since speed humps/cushions are located in the travelway, additions, alterations, or removals of any or all speed humps/cushions may be directed at any time.</p>
3	<p>Prior to the approval of new speed humps/cushion on any street, the County Traffic Engineer shall notify the Ventura County Fire Protection District, the Sheriff's Department, and the California Highway Patrol.</p>
4	<p>Speed-hump/cushion construction costs shall be paid by the property owners who sign the required petition. If the Road Commissioner or his designee originates a proposal and the property owners concur, construction costs will be paid by the County.</p>
5	<p>The Transportation Department will reassess the speed-hump/cushion program and report to the Board of Supervisors at approximately five-year intervals. Critical program issues that require Board action prior to the five-year review will be scheduled for policy guidance.</p>

Approved by the Board of Supervisors on September 24, 2024

**COUNTY OF VENTURA
SPEED HUMPS/CUSHIONS
POLICIES AND WARRANTS**

WARRANTS		Satisfied	
		Yes	No
1	<p>The road must be either a residential road or a local road defined as follows:</p> <p>a. A residential road, or “residence district,” as defined in California Vehicle Code Section 515 is that portion of a highway and the property contiguous thereto, other than a business district, (a) upon one side of which highway, within a distance of a quarter of a mile, the contiguous property fronting thereon is occupied by 13 or more separate dwelling houses or business structures, or (b) upon both sides of which highway, collectively, within a distance of a quarter of a mile, the contiguous property fronting thereon is occupied by 16 or more separate dwelling houses or business structures. A residence district may be longer than one-quarter of a mile if the above ratio of separate dwelling houses or business structures to the length of the highway exists. The “residence district” determination must be consistent with California Vehicle Code Section 240.</p> <p>Buildings must be located within 75 feet of the roadway curb face or edge of pavement and they must face and gain access from the road, to be considered as “fronting” on the road.</p> <p>b. A local road is defined for the purpose of this guideline as a road intended primarily to provide direct access to abutting residential buildings. Residential buildings include separate dwelling houses, apartment buildings, or multiple dwelling houses.</p>		
2	The residential road or local road must have a speed limit of 25 miles per hour or less, as established in accordance with State law or Board of Supervisors’ action.		
3	A speed survey must show that 67 percent of the motorists exceed the 25-miles-per-hour speed limit.		
4	The road must have a paved width of 40 feet or less and no more than two traffic lanes.		
5	The average weekday traffic volume must exceed 1,000 vehicles in a 24-hour period.		
6	<p>No speed hump/cushion may be installed on any street where the Road Commissioner or his designee determines it cannot be safely installed due to:</p> <p>a. Severe horizontal or vertical curves</p> <p>b. Inadequate sight distance to the humps/cushions</p> <p>c. Excessive street downgrades</p>		
7	No speed hump/cushion may be installed on any street where the Road Commissioner or his designee determines it will create equal or greater traffic problems by causing traffic diversion to a nearby residential or local road.		

Approved by the Board of Supervisors on September 24, 2024

County of Ventura
SPEED HUMP/CUSHION APPLICATION
PUBLIC WORKS AGENCY
TRANSPORTATION DEPARTMENT
800 South Victoria Avenue, Ventura CA 93009
(805) 654-2049

THIS SECTION TO BE COMPLETED BY APPLICANT	
<p>The undersigned requests the construction of speed humps/cushions on the following County-maintained street:</p> <p>Street Name: _____</p> <p>Between: _____ and _____</p> <p>I understand speed humps/cushions are still considered an experimental roadway feature and are an evolving technology. Therefore, I agree to fund the cost of construction and removal of speed humps/cushions on the street listed above. I understand a minimum of 67% of the property owners along the street(s) listed above or along the petition portion of the street(s) must approve of the installation of these speed humps/cushions. Attached to this application is a petition with the signatures of 67% of the affected property owners. I understand the Transportation Department will review the speed hump/cushion policy every five years. I understand the County may revoke this application and remove the speed humps/cushions at any time at the County's discretion.</p> <p style="text-align: right;">Applicant: _____</p> <p>Number and Street: _____</p> <p>City and Zip Code: _____</p> <p>Phone: _____</p> <p>Signature of Applicant: _____</p> <p>Date: _____</p>	

THIS SECTION TO BE COMPLETED BY THE TRANSPORTATION DEPARTMENT		
<p>The Transportation Department approves this application for the activities described above subject to the special conditions listed below:</p> <p>Special Conditions: _____</p> <p>Approved by: _____</p> <p>Date: _____</p>		
		CONSTRUCTION COMPLETION
		Inspector: _____
		Date: _____

When approved – copies to Applicant, Ventura County Fire Protection District, Ventura County Sheriff's Department, California Highway Patrol, emergency medical services agencies, and others as directed by the Director, Transportation Department, Public Works Agency.



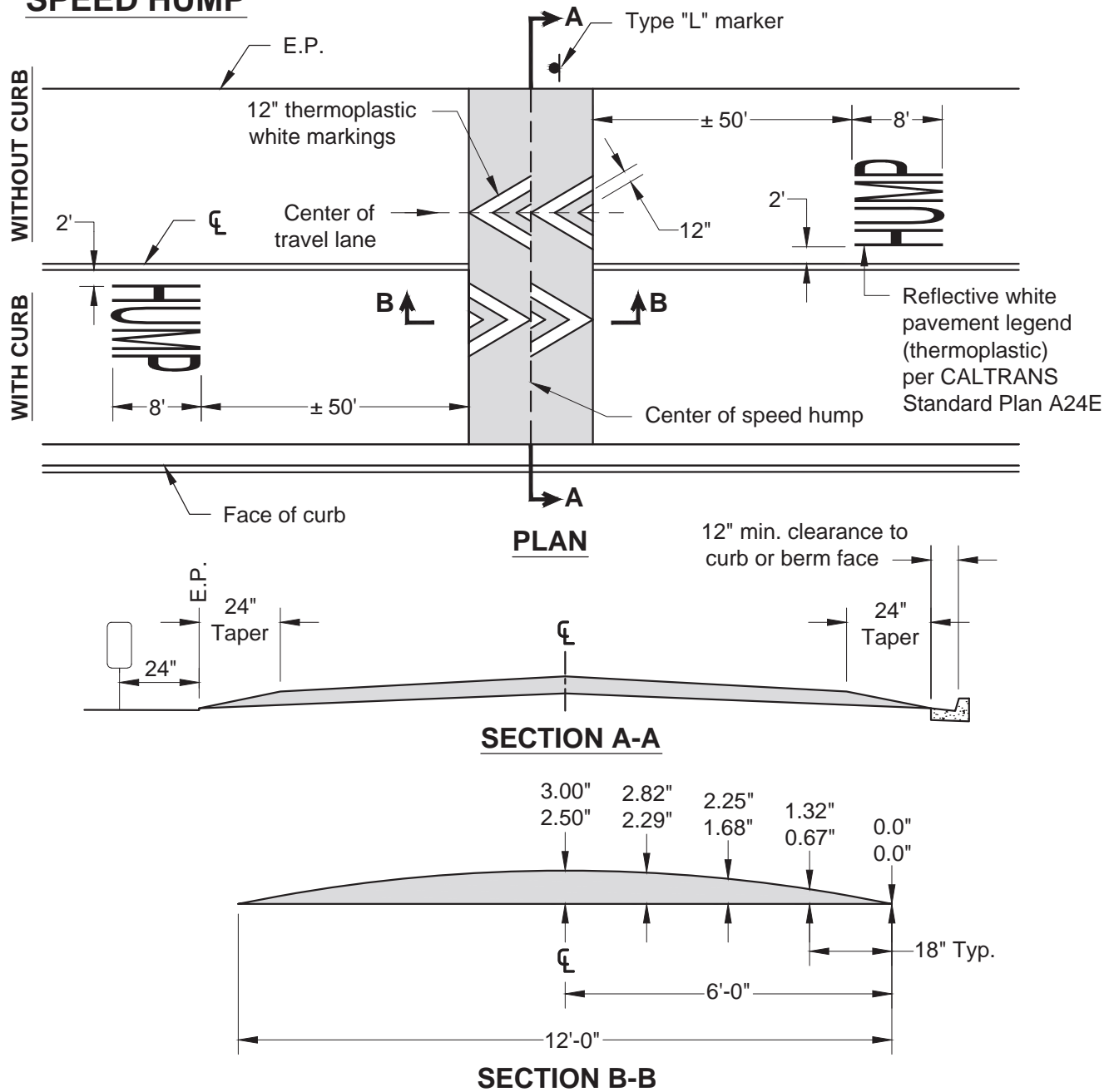
COUNTY OF VENTURA
PUBLIC WORKS AGENCY
TRANSPORTATION DEPARTMENT

PETITION OF AFFIRMATION FOR
THE INSTALLATION OF SPEED HUMPS/CUSHIONS

Before you sign this petition, know what you are signing! It is recommended that you first experience similar installations on other streets. You should also read the speed hump/cushion policies and speed hump/cushion guidelines.

We, the undersigned residents of _____, do hereby petition the Public Works Agency of the County of Ventura to install _____ speed humps/cushions on the subject street between _____ and _____. If the petition is approved, the petitioners will deposit with the Public Works Agency, funds in the estimated amount of the cost of installation of the speed humps/cushions before work will be authorized. Contact number for petition is (____) _____.

	SIGNATURE	PRINT NAME	PRINT ADDRESS
1			
2			
3			
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18			

SPEED HUMP**NOTES:**

1. Speed humps may be installed only if approved by the Road Commissioner or his designee.
2. Speed hump height greater than 3" requires Board of Supervisors approval for design & height.
3. A warning sign stating "Speed Hump" (W17-1) shall be placed at the approach to the first hump. Signs shall be of high intensity sheeting (30"x30"). Co-mount a W13-1 "10 MPH" (24"x24") warning sign per CALTRANS standards.

ADOPTED BY THE BOARD AS PART OF ROAD STANDARDS : 05-16-2017

REVISION DATE:	DESCRIPTION:	APPROVED BY:
		J P
		RECOMMENDED BY:
		D F

COUNTY OF VENTURA
PUBLIC WORKS AGENCY

ROAD STANDARDS

SPEED HUMP/CUSHION

The diagram illustrates the placement of speed cushions and speed humps on a two-lane road, showing dimensions and markings for both 'WITHOUT CURB' and 'WITH CURB' scenarios.

WITHOUT CURB:

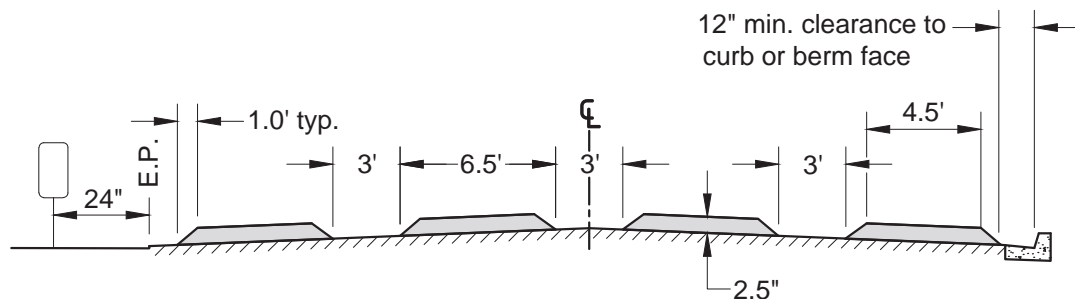
- Speed Cushion:** A rectangular device with a chevron pattern, 12' wide and 3' high. It is placed in the center of the travel lane, with a center-to-center spacing of $\pm 50'$ between cushions. A Type "L" marker is placed at the center of the cushion.
- Speed Hump:** A rectangular device with a chevron pattern, 8' wide and 2' high. It is placed in the center of the travel lane, with a center-to-center spacing of $\pm 50'$ between humps. A Type "L" marker is placed at the center of the hump.
- Markings:** 12" thermoplastic white markings are used for the chevrons. The center of the travel lane is marked with a centerline (CL).
- Other Labels:** E.P. (Edge of Pavement), 12" (width of markings), 3' (height of cushion), 8' (width of hump), 2' (height of hump).

WITH CURB:

- Speed Cushion:** A rectangular device with a chevron pattern, 12' wide and 3' high. It is placed in the center of the travel lane, with a center-to-center spacing of $\pm 50'$ between cushions. A Type "L" marker is placed at the center of the cushion.
- Speed Hump:** A rectangular device with a chevron pattern, 8' wide and 2' high. It is placed in the center of the travel lane, with a center-to-center spacing of $\pm 50'$ between humps. A Type "L" marker is placed at the center of the hump.
- Markings:** 12" thermoplastic white markings are used for the chevrons. The center of the travel lane is marked with a centerline (CL).
- Other Labels:** Face of curb, 12" (width of markings), 3' (height of cushion), 8' (width of hump), 2' (height of hump), B* (distance from curb to cushion/hump), 6.0' (distance from curb to cushion), 6.5' (distance from curb to hump), Center of speed cushion, Reflective white pavement legend (thermoplastic) per CALTRANS Standard Plan A24E.

PLAN

B* See Section B-B on
Speed Hump Road Standard
Plate E-9, sheet 1 of 4



SECTION C-C

1. Speed cushions may be installed only if approved by the Road Commissioner or his designee.
2. A warning sign stating "Speed Hump" (W17-1) shall be placed at the approach to the first cushion. Signs shall be of high intensity sheeting (30"x30"). Co-mount a W13-1 "10 MPH" (24"x24") warning sign per CALTRANS standards.
3. For two-lane roads with a traveled way width of 24' or less, use the design shown above while omitting the two outer speed cushions.

ADOPTED BY BOARD AS PART OF ROAD STANDARDS: 05-16-2017			<div> COUNTY OF VENTURA PUBLIC WORKS AGENCY ROAD STANDARDS SPEED HUMP/CUSHION SHEET 2 OF 4 </div>
REVISION DATE:	DESCRIPTION:	APPROVED BY: J P	
		RECOMMENDED BY: D F	