SPEEDING

Speed Hump

Speed humps are parabolic traffic calming devices used on low-speed, lowvolume roads to reduce vehicle speeds to 15-20 mph.

Implementation Strategy

How and Where to Apply

- Speed humps are ideal for residential streets, school zones, or parks with speed limits of 25 mph or lower and documented speeding concerns.
- Design humps 3-4 inches high and 12-14 feet long, spaced 250-500 feet apart, with visible signage and emergency service coordination.
- an effective traffic calming measure for reducing vehicle speeds and improving safety on residential and low-speed local streets.

Use in a Safe System Approach

Using a Safe System Approach, speed humps reduce vehicle speeds to minimize crash risk and severity. By aligning vehicle behavior with road context, they protect vulnerable users such as pedestrians and cyclists, especially in residential and school areas, where lower speeds significantly enhance safety and create more livable street environments.

Key Stakeholders

State and local transportation agencies, municipal public works departments, utility companies

Proactive Implementation

Proactive implementation of speed humps follows the Safe System Approach by addressing potential Speed humps are widely recognized as risks before crashes occur. Installing them in residential areas, near schools, or parks helps reduce speeds, enhance safety for vulnerable users, and create safer, more livable streets—even without a prior history of crashes or incidents.

> Objective: Heighten driver awareness of speeding-related safety issues.

Strategy: Implement neighborhood speed watch/traffic management programs (Low Speed Only).

Cost: Moderate

Service Life: 10 years

Benefit-Cost Ratio: 18.2:1

Countermeasure Overview

related Crashes **AASHTO'S TOWARD ZERO DEATHS**

500 Series

Speeding-

Safer Infrastructure

Excessive vehicle speeds

- Reduced reaction time
- **TARGET** Speeding **CRASH** VRUs

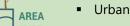
Targeted Solution



CONTRIBUTING

FACTORS

ROAD



Safety Linkage



Safer Speeds

SAFE SYSTEM

ROADWAY DESIGN

TIER 1

Tier 2

ASE cameras. Source: Speed Hump Australia

Selected Related Countermeasures



Road diet

Center island or median



Reduces vehicle speeds and calms traffic in sensitive areas.





- Pedestrian Safety Guide and Countermeasure Selection System
- CBA: Installation of Speed Humps

