

WHAT YOU NEED TO KNOW ABOUT SPEED HUMPS



Speed humps are rounded raised areas of asphalt constructed across the roadway width. The speed hump extends a distance of 12 feet or 22 feet depending on the street's roadway grade or traffic conditions. The standard height at the highest point is $2\frac{5}{8}$ inches plus or minus $\frac{1}{4}$ inch.

PURPOSE

Speed humps are designed to reduce vehicular speed on residential local or collector streets that have a single travel lane in each direction.

Note: if there is any commercial frontage (e.g. stores or offices), then speed humps cannot be installed.

ADVANTAGES

- Speed humps are an effective tool in reducing speeds.
- Most drivers will slow down to avoid jarring their vehicle.
- Installation does not require the removal of parking spaces.

DISADVANTAGES

- May create noise when vehicles travel over speed humps.
- May increase emergency response time, as ambulances and fire trucks have to slow down.
- Residents living on the block will be the ones driving over the speed humps most frequently.
- Installation may require placement of the speed hump and/or warning signs in front of someone's home.

SOME LIMITATIONS

- Speed humps can only be installed on streets with speed limits of 30 mph or less and the 85th percentile speed is more than 5 mph above the speed limit.
- The daily volume on the street should be greater than 1,000 vehicles per day (VPD), but not more than 10,000 VPD.
- Speed humps cannot be installed on designated truck or transit routes or on any street identified as a primary emergency route.

- There should be a minimum of 600 feet between controlled intersections, where at least 2 speed humps can be installed.
- Speed humps should not be installed on streets where there are known drainage/flooding issues.
- Speed humps cannot be installed on horizontal curves where visibility is less than 150 feet in both directions.



[The speed hump at the top of the picture is visible from the "HUMPS" marking at approximately 200 feet away]

- Speed humps cannot be placed on streets that have a grade greater than 7%.



[This speed hump is located on the section of the block where the grade is less than 7% but as far up the hill as possible.]

CONSENSUS

Because the installation of speeds humps will directly affect those residents within the block, a minimum of two-thirds support is required for implementation, verified by a survey of the residents.

