



Bulldog Sitework LLC

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Lake May Reserve Improvements

ITB# 22-944 Submittal #005

Speed Humps - Tree Top Products

BULLDOG SITEWORK LLC

Project Lake May - 22-944
Date reviewed 3/14/2023
Reviewed by Sizemore
Notes:

APPROVED

Office of Parks and Trails

3/31/2023 

Installation Instructions

3 Ft. Traffic Calming Speed Hump & End Cap

- Site Safety:** Before installation, ensure work site is safe. If necessary, block off the roadway to prevent vehicle and pedestrian access, use appropriate signage and work barricades to delineate the work area. Ensure electric power leads and hand tools are safe, in good working condition and only used as per manufacturer's specifications. Remove any potential trip hazards and use appropriate personal safety equipment (safety gloves, safety glasses, safety boots, etc.).
- Lag Bolt Method:** Recommended for asphalt or concrete traffic lanes where drilling holes is permitted.
- Tools Required:** Trimming knife, high-speed hammer drill with 1/2" masonry bit, impact wrench or heavy ratchet with a 9/16" socket and a hammer or mallet.
- Hardware:** One 3/8" lag bolt for each hole in the speed bump, one 1/2" washer for each lag bolt and one 1/2" lag anchor for each lag bolt.
- Step 1:** Clear the application area of any obstruction or debris.
- Step 2:** Position the speed hump and end cap sections into the installation position and, using the pre-drilled holes as templates, mark the location of each hole on the roadway's surface. Make certain the units are square and straight. The use of a chalk line or straight edge may be helpful.
- Step 3:** Remove the speed hump and end cap sections. Using the high-speed hammer drill with a 1/2" masonry bit, drill a hole below the roadway's surface at each marked location to a minimum depth matching the anchor's length.
- Step 4:** Insert a lag bolt anchor into each hole (large anchor opening on top). Tap the anchor into the holes with a hammer so that the anchors are set flush with the surface.
- Step 5:** Reposition the speed hump and end cap sections into the installation position. Slip a washer onto a lag bolt, insert the bolt through a pre-drilled hole in the speed hump and tighten the bolt about three-quarters of the way with a 9/16" socket. Repeat for each hole in the speed hump. Finish tightening each bolt until just snug.

DO NOT OVER TIGHTEN: Excessive tightening may damage the bump and void the product warranty.

Specification Sheet

3' Speed Hump & End Cap

Description	Dimensions	Weight
Speed Hump	35-1/4" w x 19-7/16" l x 2" h	37 lbs
End Cap	35-1/4" w x 9-7/8" l x 2" h	15 lbs

Material Recycled Rubber construction
Highly-visible embedded yellow rubber

Inner Holes: (Deeper) **1.5"**
to the shoulder where
the washers sit

Outer Holes: (Shallower) **0.5"**
to the shoulder where
the washers sit

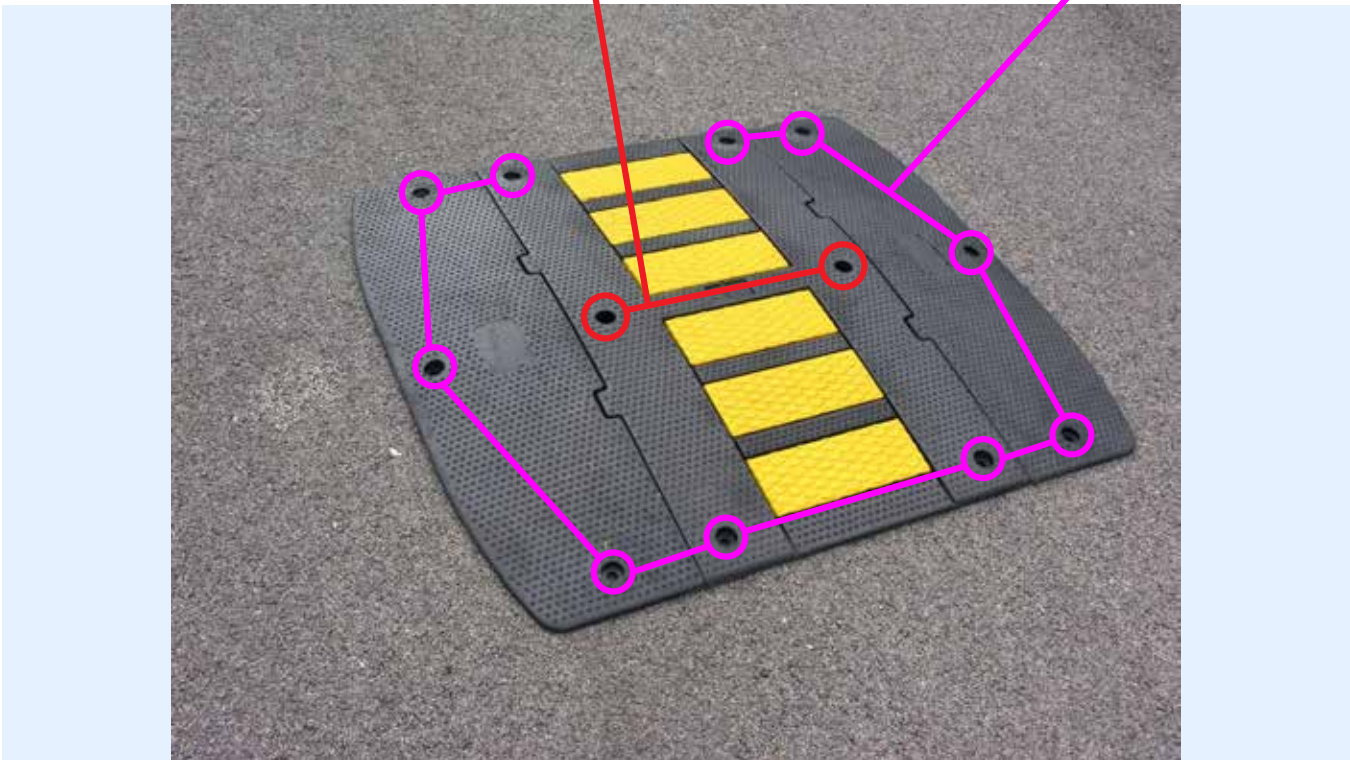




Image shows 1 speed hump (in center w/stripes) & 2 end caps
(one on each side of speed hump)

Description

All rubber material adapts to uneven surfaces for simple installation

- Material: 30% recycled rubber
- Length Options: 6.5 ft., 9.5 ft., 14.5 ft., 19.5 ft. or 22.5 ft.
- Slows vehicles to 15-20 mph
- Provide safer streets for pedestrians and children
- Popular 2" high mid-sized speed humps
- All rubber construction with molded yellow rubber for visibility
- Simple to install, long-lasting and environmentally friendly
- Less aggressive than traditional speed bumps
- Highly visible and emergency vehicle friendly
- Rubber humps adapt to uneven surfaces
- Removable for storage or relocation
- Ideal for residential streets, parking facilities, construction zones and pedestrian areas
- Hardware included for asphalt or concrete installation
- Guaranteed Against Breakage for 15 Years
- Use of included speed hump end caps is recommended to achieve the greatest product longevity.
-  [Warning CA Proposition 65](#)

 **WARNING** This product can expose you to chemicals including lead and Di(2-ethylhexyl) phthalate (DEHP) which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

★ REVIEWS

3ZB3479	3ZB3480	3ZB3481	3ZB3482
6.5 Foot Speed Hump (5) Sections + (2) End Caps	14.5 Foot Speed Hump (8) Sections + (2) End Caps	19.5 Foot Speed Hump (11) Sections + (2) End Caps	22.5 Foot Speed Hump (13) Sections + (2) End Caps
Recycled Rubber	Recycled Rubber	Recycled Rubber	Recycled Rubber
Surface Mount	Surface Mount	Surface Mount	Surface Mount
17"	175.25"	233.5"	272.5"
15.25"	35.25"	35.25"	35.25"
2"	2"	2"	2"
100.0	305.0	410.0	483.0