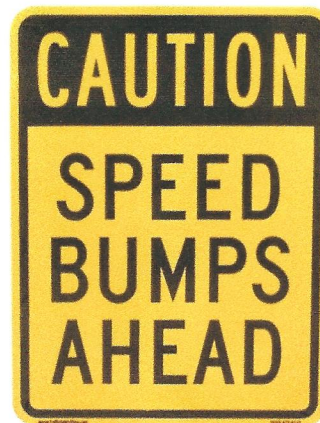
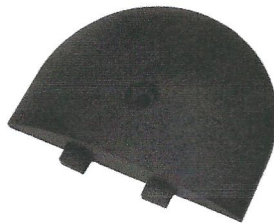


Speedbumps in Riverbend

The Riverbend POA Board approved (a) property owners paying for a standard 14-foot-wide speedbump package (consisting of two reflective 6-foot-wide yellow and black speedbumps, two 9" rounded end caps, and two reflective 18" x 24" signs—see photographs below) and (b) the POA installing these items on the respective streets in Riverbend. **Attachment 1** is a quote for the standard 14-foot-wide speedbump package costing \$560 from the Traffic Safety Store <https://www.trafficsafetystore.com/>. Each speedbump comes with the requisite 18" steel spikes needed for installation on gravel roads, such as in Riverbend. If a street were wider than 14-feet, we would need to add either a 4-foot-wide or 6-foot-wide speedbump section. Each speedbump would need two end caps in order to preserve the speedbump's warranty. Each speedbump would need two speedbump caution signs, installed from 20 to 40 feet from either side of the speedbump, to warn motorists of the upcoming speedbump. **Attachment 2** explains how to install speedbumps. **Attachment 3** explains when you would use speedbumps.

BACKGROUND: The Riverbend POA Security Committee consulted with the Rutherford County Sheriff's Office about speeding in Riverbend and found that because we are traveling on "private" and not State maintained roads, the POA must govern the speed limits. Capt. Leon Godlock of the Sheriff's Office recommended installation of quality speedbumps, along with warning signs, in places where residents have observed frequent speeding. He said that this would help passing vehicles to slow down. Here are some guidelines we need to consider: (a) property owners wishing to acquire and have the POA install a speedbump, should notify all residents (homes only) within the ½ mile stretch of the speedbump that they intend to have a speedbump installed, (b) consider placing boulders on either side of the speedbump to prevent motorists from driving around the speedbump (there are some boulders available within Riverbend or they may be purchased from local landscapers), (c) place speedbumps so that they don't create drainage problems and interfere with road maintenance, and (d) don't place speedbumps where motorists could avoid them by driving on a circular driveway.



Traffic Safety Store

www.TrafficSafetyStore.com

800-429-9030 / FAX 610-701-9369

PO Box 1449, West Chester, PA 19380

ATTACHMENT 1

Quote QTE000340208

Date: 8/25/20

Sales Rep: K FYLER

Billing Address:

Edward Dyckman
Riverbend at Lake Lure
353 Swans Way
Lake Lure, NC 28746-9450

Shipping Address:

Edward Dyckman
Riverbend at Lake Lure
353 Swans Way
Lake Lure, NC 28746-9450

Order Shipped Via: UPS GROUND

Customer ID: RAL066

Customer PO:

Terms of Sale: Credit Card/Cash

Quantity	TSS Part Number	Item Description	Unit Price	Total
2	SBR6HDS	6' Reflective, Recycled Rubber Speed Bump w/ 18" Heavy-Duty Galvanized Steel Spikes	147.95	295.90
2	SBRECHDS	9" Rounded End Cap for Rubber Speed Bump w/18" Heavy-Duty Galvanized Steel Spike	21.50	43.00
2	SGBUMP	18" x 24", EG Reflective, "Caution Speed Bumps Ahead" Sign	25.95	51.90

Thank you for your interest!

Subtotal	390.80
Shipping & Handling	132.57
Sales Tax	36.66
Balance Due	560.03

Comments:

All sales are subject to terms and conditions listed on www. TrafficSafetyStore.com website. No returns without prior authorization.



buy safe® Guaranteed Shopping.

REFLECTIVE RUBBER SPEED BUMP INSTALLATION INSTRUCTIONS

Steel Spike Method: *Recommended for Asphalt or Gravel surfaces only.*

ATTACHMENT 2

Tools needed:

- High speed hammer drill with a $\frac{7}{16}$ " masonry bit.
- Small sledge hammer for driving spikes.

1. Position the speed bump where you want to install it. Using the holes molded in the speed bump as templates, mark the location of each hole on the asphalt surface.
 2. Remove the speed bump. Using a high-speed hammer drill with a $\frac{7}{16}$ " masonry bit, drill a pilot hole at each marked location: a) to avoid fracturing the asphalt with the spike and b) to make it easier to drive the spikes in during installation. Note: If you are working with either a thin layer of asphalt or a soft substrate, you may want to 'cover' each spike with a small amount of activated epoxy resin immediately before driving the spike in place. This will help hold the speed bump flat.
 3. Reposition the speed bump so that the molded in holes line up vertically with the pilot holes you drilled. Starting with the center hole, use the hammer to drive the spikes through the speed bump until the head of the spike is snug against the counter bored holes in the speed bump. **DO NOT DRIVE BEYOND "SNUG"!** If driven too far, the spikes or hammer may damage the speed bump and will void the warranty.
-

Lag Bolt Method: *Recommended for Asphalt or Concrete only.*

Tools needed:

- High speed hammer drill with a $\frac{3}{4}$ " masonry drill bit.
- Impact wrench or heavy ratchet with $\frac{3}{4}$ " socket.

1. Position the speed bump where you want to install it. Using the holes molded in the speed bump as templates, mark the location of each hole on the surface.
 2. Remove the speed bump. Using a high-speed hammer drill with $\frac{3}{4}$ " masonry bit, drill a 4" to 4 $\frac{1}{2}$ " deep hole at each marked location.
 3. Insert a lag anchor (with the large round hole in the anchor facing up) into each hole. Tap the anchor into the holes with a hammer so that the top of each anchor is flush with the surface.
 4. Reposition the speed bump so that the molded in holes line up vertically with the pilot holes you drilled. Beginning in the center hole, apply firm hand pressure. Slip a washer onto a lag bolt, insert the bolt through the hole in the speed bump and tighten the bolt about three quarters of the way with a $\frac{3}{4}$ " socket. Repeat for each hole in the speed bump. Finish tightening each bolt until just snug. **DO NOT OVER TIGHTEN!** Excessive tightening may damage the speed bump and will void the warranty.
-

Concrete Bolt Method: *Suitable for Concrete only.*

Tools needed:

- High speed hammer or appropriate drill with a $\frac{7}{16}$ " masonry drill bit.
- Impact wrench or heavy ratchet with $\frac{3}{4}$ " socket.

1. Position the speed bump where you want to install it. Using the holes molded in the speed bump as templates, mark the location of each hole on the concrete surface.
2. Remove the speed bump. Using a drill with $\frac{7}{16}$ " masonry bit, drill a 1 $\frac{1}{8}$ " deep hole in the concrete at each marked location.
3. Reposition the speed bump so that the molded in holes line up vertically with the pilot holes you drilled. Insert the concrete bolts through the holes in the speed bump and tighten the bolts with a $\frac{3}{4}$ " socket. Finish tightening each bolt until just snug. **DO NOT OVER TIGHTEN!** Excessive tightening may damage the speed bump and will void the warranty.

When Are Rubber Speed Bumps Used?

Local governments install the speed bumps we encounter most frequently, and they're typically made from smoothed over lots of asphalt. While this works to get a municipality with accessibility to teams of skilled workers, road and heavy machinery, it's not practical for the typical consumer looking to slow traffic.

Those traditional speed bumps made out of asphalt require careful planning, can be difficult to put together and can cost thousands of dollars with all the labor and equipment needed for installation. Cities needed a new solution to controlling traffic speeds, and rubber speed bumps offer all the advantages of traditional speed bumps without all the required maintenance or additional costs.

Rubber speed bumps are used in many situations to calm traffic. Some of the most common conditions include:

1. - Shopping mall parking lots
2. - Condominium complexes
3. - Residential roadways

Rubber Shopping Bumps Make Parking Lots Safer

Rubber speed bumps have become favorite cities and neighborhoods because of the advantages they offer compared to their asphalt counterparts. Not only are rubber speed bumps less expensive and easier to assemble, but they also require less maintenance over time. This results in a better product overall for needs of private roads or parking lots.

Speed bumps are often used to slow traffic down in areas where pedestrian traffic is present. This improves the safety of vehicles and pedestrians in the area.

Top 5 Reasons To Buy Rubber Speed Bumps

Here are the five most popular reasons to buy our recycled rubber speed bumps:

1. Easy Installation Process

Unlike their metal and plastic counterparts, rubber speed bumps are easy to install and require lower maintenance over time. Not only are they easy to install, but rubber speed bumps are also easy to replace. On average it should take you less than an hour to install a rubber speed bump, which makes them the perfect solution for private roads or school parking lots.

2. Cost Effective

Speed bumps that are generated from metal, asphalt, concrete or plastic can burn a huge hole in your pocket. However, when you buy rubber speed bumps from the Traffic Safety Store in bulk, you will find significant savings no matter the quantity you need. This means that you will locate the rubber speed bumps you need at a price you can afford!

3. Eco-Friendly Development

Since our rubber speed bumps are created from recycled tires, you can feel good that you are saving about five tires from going into landfills for each speed bump you buy from us. Other materials such as metal, plastic and asphalt use compounds like oil, which aren't safe for the environment. You will also love how well rubber speed bumps hold up to extreme weather and remain durable over an extended period.

4. Ideal for A Range Of Needs

One of the things that our customers love about our rubber speed bumps is that they work on a variety of roads and road surfaces. This means that you will save money because you won't have to invest in different types of models to address your traffic control projects. Speed bumps made of asphalt and other materials require different coats and polishing to make them suitable for various road materials. However, rubber speed bumps do not need this additional maintenance so you can save time and money!

5. Highly Visible & Resilient Design

We only carry rubber speed bumps that are constructed from the toughest rubber that will stand up to high traffic volume and rough terrains. Since our speed bumps are sturdy, they will last through all kinds of climate and highly reliable over extended periods of time.

Visibility is a concern for many roadways, so we use reflective yellow 'cats-eye' stripes on each rubber speed bump. This makes our road control devices visible even at night and adds safety for pedestrians and drivers alike.

Your Trusted Source For Rubber Traffic Speed Bumps

We carry a variety of rubber speed bumps in a variety of lengths and sizes meet the needs of all your traffic calming needs. We have served over 10,000 customers worldwide, so you can trust that our expert staff can help you find the right speed bumps for quickly and easily.

We operate three high-volume distribution centers throughout the U.S. This allows us to ensure that you receive your equipment when you need it. We have improved our processes over the past 15 years to deliver better products and service while offering high-grade stock and the fastest shipping in the industry.

The Traffic Safety Store is the leading provider of rubber speed bumps, and our industry-leading equipment helps traffic calming projects make parking lots and roadways safer for pedestrians and motorists alike. If your traffic calming project demands the highest-quality speed bumps at a reasonable price, then we look forward to working with you to deliver the rubber speed bumps you need today!

Environmental Benefits

Each of our 6' reflective rubber speed bumps saves 5.1 tires from going into landfills!