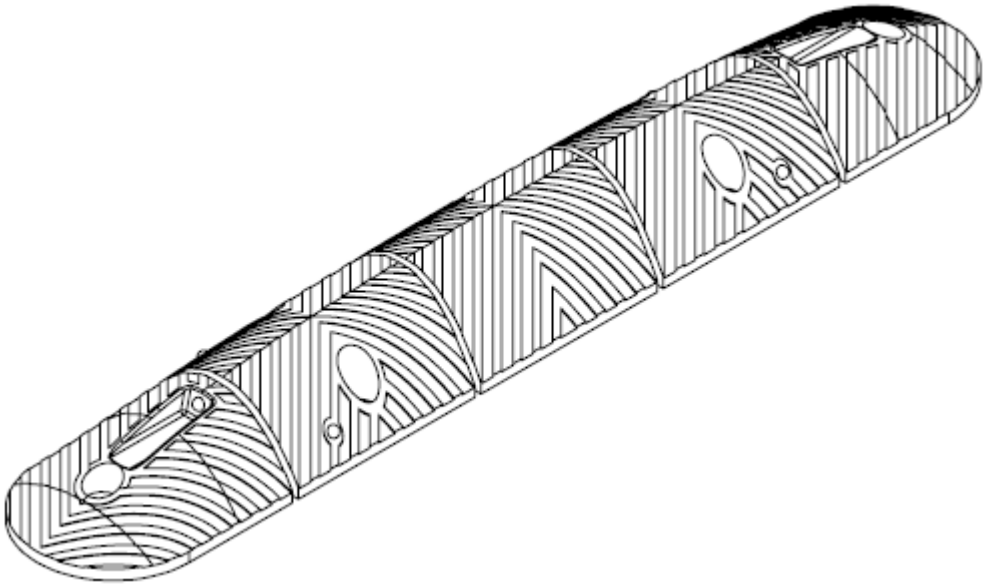
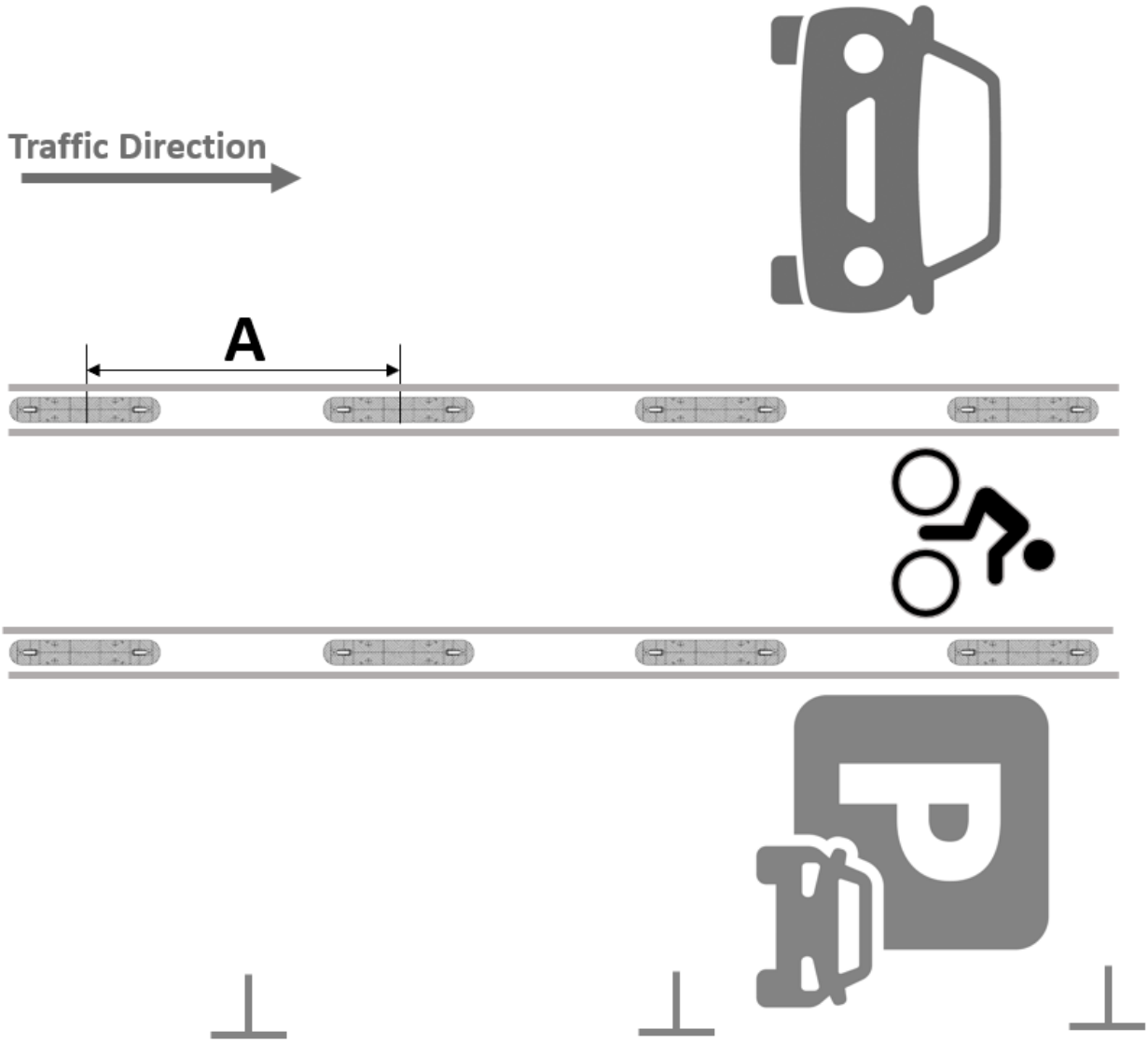
Installation Instructions:
3” High Crossover Premium Rubber Bike Lane Delineators / Bolt-Down



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 in safe, 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.).

Potential Application:

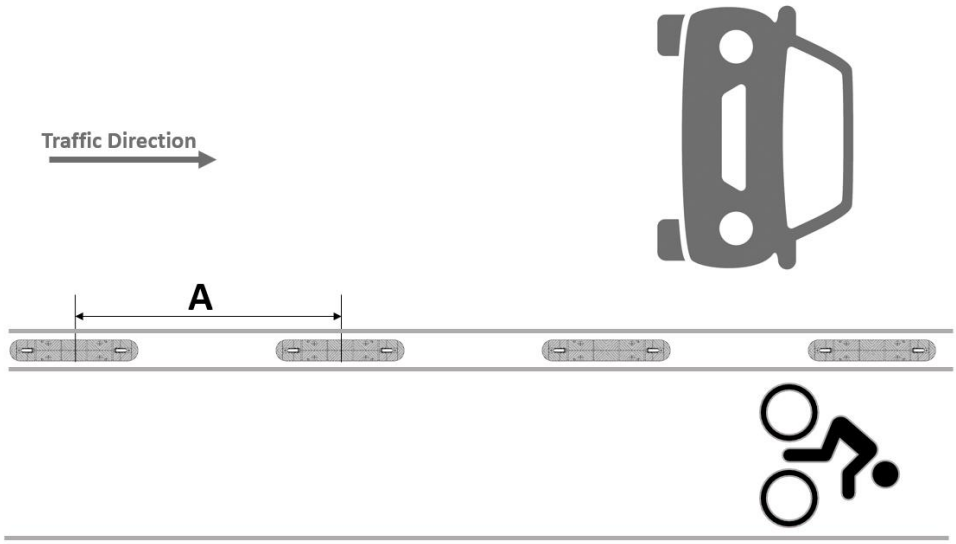


The 3” High Crossover Premium Rubber Bike Lane Delineator is designed to slow down vehicles to 1-2 mph and allow vehicles to crossover slowly and safely into roadside parking spaces or right-turn lanes. For applications that do not require vehicles crossing over, check out Treetop’s 5” High Curb Premium Rubber Bike Lane Delineators.

Potential Configurations of Premium Bike Lane Delineators:

Parallel Position:

Best when roadway spacing is limited. Premium Bike Lane Delineators are placed parallel to and between both the designated bike lane and roadway.



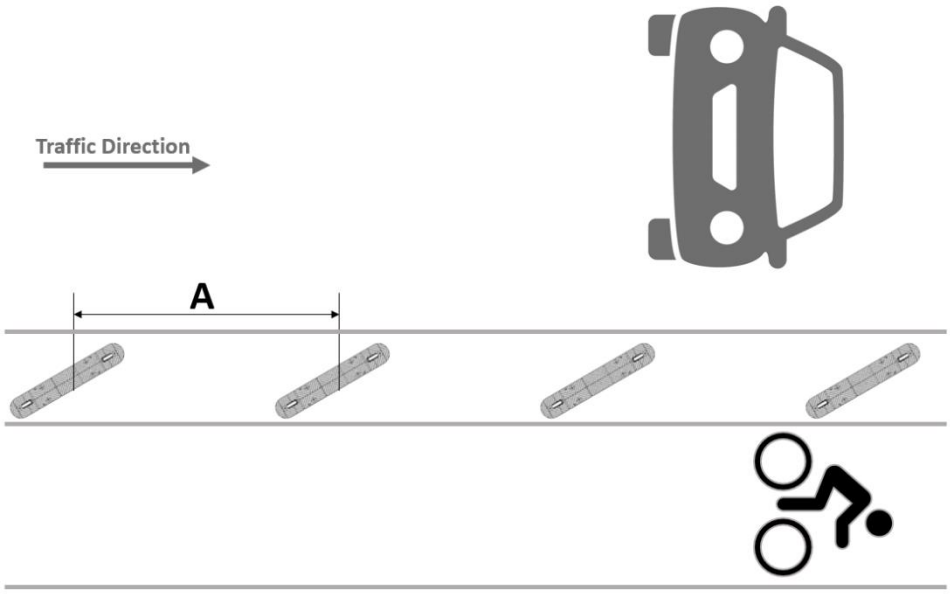
The parallel positioning of TreeTop Premium Rubber Bike Lane Delineators is most suitable when there's limited available buffer zones (i.e.; painted lines). To ensure optimal safety, it is recommended to maintain a spacing between centers (A) of 6ft between the delineators, while not exceeding 8ft.

For heavily trafficked areas and near intersections, it is recommended to maintain a spacing between centers (A) of 3ft between the delineators, while not exceeding 6ft.

Smaller gaps between the delineators make it more challenging for vehicles to encroach on the bike lane, thereby enhancing cyclist safety.

Oblique Position:

Best where there is sufficient space to increase the distance between the bike lane and roadway. Premium Bike Lane Delineators are placed on an X - Y angle between the bike lane and roadway.



The oblique positioning is recommended when you need to create a wider buffer space for enhanced safety in the bike lane. A wider buffer zones (i.e.; painted lines) contributes to greater safety for cyclists. To ensure optimal safety, it is recommended to maintain a spacing between centers (A) of 6ft between the delineators, while not exceeding 8ft.

For heavily trafficked areas and near intersections, it is recommended to maintain a spacing between centers (A) of 3ft between the delineators, while not exceeding 6ft.

Smaller gaps between the delineators make it more challenging for vehicles to encroach on the bike lane, thereby enhancing cyclist safety.

Bolt-Down Method:

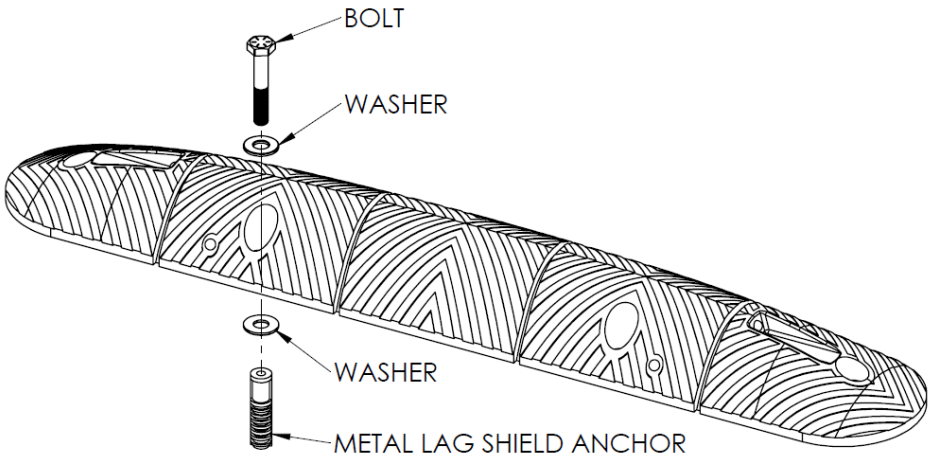
Recommended for asphalt or concrete traffic lanes where drilling holes is permitted.

Tools Required:

Trimming knife, high-speed hammer drill with 3/4” masonry bit, impact wrench or heavy ratchet with a 3/4” socket, and a hammer or mallet. Optional tool: Chalk line.

Hardware:

Six 1/2” lag bolts for each Crossover Premium Rubber Bike Lane Delineator, two 1/2” washers for each lag bolt, and one 1/2” metal lag shield anchor for each lag bolt.



Step 1: Clear the installation area of any obstruction or debris.

Step 2: Mark the site where each Premium Rubber Bike Lane Delineator will be placed. The use of a chalk line or straight edge may be helpful.

Step 3: Using the pre-drilled holes in the Delineators as templates, mark the location of each hole on the roadway’s surface. Remove the Premium Rubber Bike Lane Delineator. Using the high-speed hammer drill with a 1/2” masonry bit, drill a hole into the roadway’s surface at each marked location to a minimum depth of 7".

Step 4: Before you re-position the Premium Rubber Bike Lane Delineator over the newly drilled holes, insert a nylon sleeve anchor into each hole (large anchor opening on top). Tap the anchor into the holes with a hammer or mallet so that the anchors are set flush with the surface. Place a washer over each anchor hole.

DO NOT OVER TIGHTEN

Step 5: Reposition the Premium Rubber Bike Lane Delineator into the installation position, aligning it over the holes. Slip a washer onto a lag bolt, insert the bolt through a pre-drilled hole in the Premium Rubber Bike Lane Delineator and tighten the bolt about three-quarters of the way with a 3/4” socket. Repeat for each hole in the Premium Rubber Bike Lane Delineator. Finish tightening each bolt until just snug.