

BIKE LANE PROTECTION



PROTECTED BIKE LANES REDUCE THE RISK OF INJURY

BY 90%

Compared to Unprotected Bike Lanes

- 2013 Data - U.S. Dept. of Transportation



743

CYCLISTS KILLED
in 2013 by
MOTOR-VEHICLE
related traffic
accidents



48,000

CYCLISTS INJURED
in 2013 by
MOTOR-VEHICLE
related traffic
accidents



61%

of CYCLISTS DEATHS
in 2013 occurred
on MAJOR ROADS other
than intersections
or freeways



97%

of DRIVERS FEEL
MOST COMFORTABLE
driving near cyclists
separated by protected
bike lanes



48%

OVERALL GROWTH
of BIKE COMMUTING
nationally (USA)
since 2013

PROTECTED BIKE LANE SYSTEM

With increasing interest in healthier lifestyles, it's no surprise that the number of cyclists on public roads continues to rise. Unfortunately, many of the travel routes available to cyclists today do not have proper protective measures in place, leaving cyclists at risk of severe injury and even fatality. This is especially true on urban and city streets.

The innovative design of our bike lane system allows for **quick, easy installation and seamless integration** into any street design, including high-speed applications, bridges and curved roads. Our bike lane posts and bases work together to create a highly-visible barrier, within the buffer zones, between drivers and cyclists, ultimately improving the safety of our streets and bike lanes.

FLEXIBLE POSTS

Built into every Impact Traffic flexible post is our patented, **anti-twist, reactive spring assembly**. This unique compression spring is designed to consistently return the post to its original, upright position after impact. The post's sturdy and compact design makes it ideal for placement within bike lane buffer zones, on-line and along the roadside.

Benefits

- fully impactable
- designed to clear bicycle handlebars
- compact design is easily integrated into busy streets
- 360° of retro-reflectivity**
- constructed of flexible plastic
- resistant to ultraviolet light, ozone and hydrocarbons
- MUTCD compliant

Product Specifications -	
Post Diameter (OD)	2.375"
Post Height	28" 36" 42" 48"
Post Top Finish	short squeeze (2"), long squeeze (14"), open top or black cap
Post Color	white, yellow, orange, green, gray, black and red**
R. Sheeting Color	white, orange, yellow, red, green and blue
Spring Type	fixed, quick release, or drivable post springs available*
Compatible Bases	compatible with all Impact Traffic bases*

*Base and base mounting hardware is sold separately. Post spring type must be specified at time of order.
**360° retro-reflectivity does not apply to the long-squeeze post top finish option.



BIKE ROUTE MARKER

Our bike route marker is available with an overall height of 36", 42", 48" or a cyclist friendly 28" in order to be easily cleared by bicycle handlebars. Its 4" diameter and large reflective panel gives the post a high-target value, making it an ideal solution for clearly identifying bike lanes. Common uses include placement within bike lane buffer zones, on-line, along the roadside and on curbs.

Benefits

- fully impactable
- anti-twist reactive spring assembly rebounds post to its original upright position when struck
- constructed of flexible plastic
- resistant to ultraviolet light, ozone and hydrocarbons
- resists warping in high heat applications
- route number and mile marker options available
- compact design is easily integrated into busy streets
- MUTCD compliant

Product Specifications				
Post Height	28"	36"	42"	48"
Post Dimensions	28" x 6"	36" x 6"	42" x 6"	48" x 6"
Post Diameter	4" outer diameter			
Post Color	white (standard) or yellow			
Marker Panel	6" x 14" long-squeeze (pressed flat) panel for reflective decal			
Marker Decal	bike symbol (add mile# or route # for additional cost)			
R. Sheeting Color	white (with green ink) or yellow (with black ink)			
Spring Type	fixed, quick release or drivable post springs available*			
Compatible Bases	compatible with all Impact Traffic bases*			

*Base and base mounting hardware is sold separately. Post spring type must be specified at time of order.



BASE OPTIONS

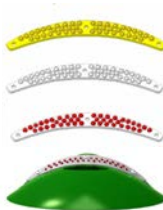
Our bike lane posts and markers are compatible with any of our Impact Traffic bases. However, we recommend Tuff Curb XLP™ or our surface-mount bases for bike lane use. The low profile and compact design of these bases makes them perfect for bike lane applications. For enhanced bike lane identification, XLP Curb is also available in green.

Tuff Curb XLP™ (MASH 2009 Accepted)

Fixed or quick release options. Available in green, white & yellow. Installed with three anchors or epoxy. Glass element reflectors are available in white, red and yellow.

- glass element reflectors provide 45° of retro-reflectivity in each direction
- cyclist friendly; gently sloped edges

40"L x 8"W x 2"H



Surface-Mount Base

Fixed or quick release options. Available in yellow, white and black. Installed with four anchors or epoxy.

8"L x 8"W x 1"H



REACTIVE SPRING TECHNOLOGY

At the core of our flexible delineator posts and panels is Impact Recovery System's **patented, anti-twist, reactive-spring system**. This unique compression spring assembly offers optimal strength to support flexible posts and information panels. It is designed to consistently **re-orient the unit after impact**, and return it to its original, upright, forward-facing position. **The device's performance does not rely on the memory of the plastic shell to return upright**. This added durability can significantly improve the life and effectiveness of the rebounding unit.



Grand Rapids, MI



Stockholm Stadium



Santa Monica, CA



PROTECTING CYCLISTS THROUGHOUT THE WORLD

Our highly visible bike lane protection system can be found across the world in **North America, South America, Europe** and **Asia**. It can be found in many major cities across the United States including: **New York, NY · Hoboken, NJ · Philadelphia · Portland, ME · Washington DC · Seattle, WA · Denver, CO · Santa Monica, CA · San Diego, CA · Tucson, AZ · Tempe, AZ · Sparks, NV · and more!**

Bangkok



Seattle, WA



IMPACT TRAFFIC

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MUTCD
COMPLIANT