



# SINGLE WIDTH TRAFFIC ISLANDS



## Models

STI-1000 4 ft Wide

STI-1200 3.3 ft Wide

STI-2000 6.5 ft Wide

STI-2032 6.7 ft Wide

## SINGLE TRAFFIC ISLANDS (STI) Pedestrian Refuge

US Reflector's Single Traffic Island (STI) with or without extensions are a universal lane separator system that allows roadways to be quickly divided into crosswalks refuge areas or create lane dividers that promote traffic calming by channelizing vehicles through a designated area.

Made from solid recycled rubber, single traffic islands install directly onto the road surface with anchors and/or adhesive. Available in 4 widths; 3.3 ft, 4 ft, 6.5 ft and 6.7 ft. which easily accommodates different road widths for quick deployment of pedestrian refuge islands without the need for excavation or heavy equipment.

Single Traffic Island accommodate a wide range of signage and other street signalization devices including keep left signs, bollards, refuge posts, and lighting columns.





# PEDESTRIAN REFUGES



Each of our Traffic Islands can be configured to form Pedestrian Refuge Islands incorporating different surface mounted signalization devices enhancing a motorists approach awareness. STI's are an ideal crossing solution when a pedestrian crossing can't be justified.

## Models



**STI-1000**

3.5 ft x 3.5 ft



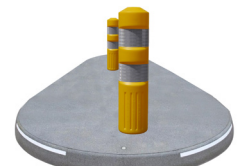
**STI-1200**

4 ft x 4 ft



**STI-2000**

6.5 ft x 3.28 ft



**STI-2032**

6.7 ft x 3.28 ft

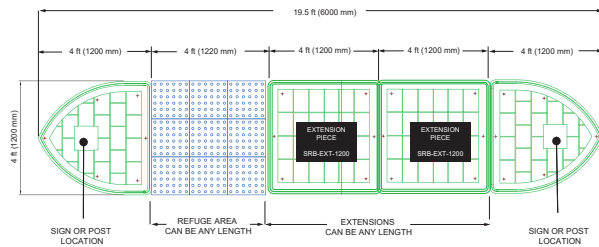
Single Pedestrian Refuge Islands can help to improve safety where individuals are trying to cross busy roads. They are typically used when a road is too wide to cross or where heavy traffic uses both lanes and pedestrians need a safe refuge area after crossing one lane of traffic, before crossing the next lane.



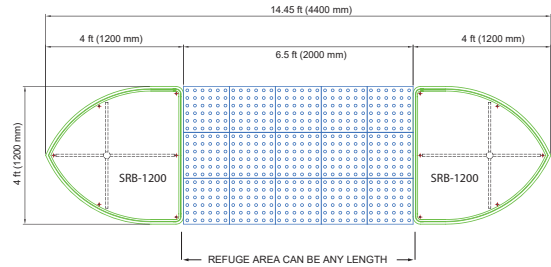


# PEDESTRIAN REFUGES

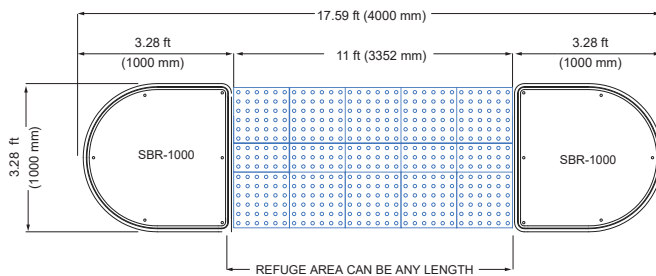
## Example Refuges layouts with Extensions



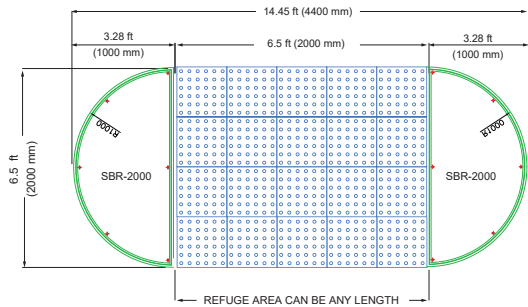
**STI-1200 with Extensions**



**STI-1200 no Extensions**



**STI-1000**



**STI-2000**



Single Pedestrian Refuge islands are made from one solid rubber block offering maximum stability and impact absorption.



# TRAFFIC ISLANDS

## Lane Separation

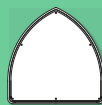


Single block traffic islands offer maximum stability and impact absorption, and like all our products they require no excavation allowing installation in less than 30 minutes offering excellent cost and time benefits compared with constructed, concrete, asphalt and modular alternatives.

US Reflector solid rubber islands incorporate a universal "Cast in Place" sign fixing plate and underside channeling for aided drainage including access for cables/conduit if required.

All traffic islands are available with a smooth surface or optional paver "heritage" design for urban and conservation areas.

### Surface Finish Options



Standard  
Smooth



Heritage



Steel cast in place  
sign bracket





# TRAFFIC ISLANDS

## Protected Bike Lanes



Emphasize the presence of bike lanes by using the traffic islands as “Bump Outs” keeping vehicles from coming too close to the bike lanes.



“Bump Outs” help redirect vehicles away from the bike lanes.

## Narrow Curbing for Combination Bumpouts



Part #: 8A-NBL  
9-1/4 wide



Narrow Lane Dividers



Standard Lane Dividers



Part #: 8A-SBL  
19.7" wide



## Protected Bike Lanes

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Single-piece traffic islands can also be used as build-outs, pinch points, and bottlenecks to help promote traffic calming for oncoming motorists.



Create separated vehicle access lanes to common areas and parking facilities.

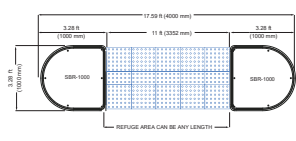


# TRAFFIC ISLANDS

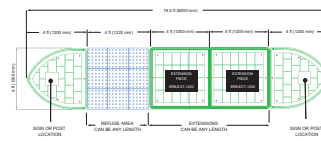
## Individual Traffic Islands Part No.

IMAGE	Description	Part number	Surface Type
	3.28 ft x 3.28 ft Single piece island	8A-SRB-1000-S	Smooth
		8A-SRB-1000-H	Brick
	Extension (Not shown)	8A-SRB-1000-EXT-S	Smooth
		8A-SRB-1000-EXT-H	Brick
	4 ft x 4 ft Single piece island	8A-SRB-1200-S	Smooth
		8A-SRB-1200-H	Brick
	Extension (Not shown)	8A-SRB-1200-EXT-S	Smooth
		8A-SRB-1200-EXT-H	Brick
	6.5 ft x 3.28 ft Single piece island	8A-SBR-2000-S	Smooth
		8A-SBR-2000-H	Brick
	Extension (Not shown)	8A-SBR-2000-EXT-S	Smooth
		8A-SBR-2000-EXT-H	Brick
	6.7 ft x 3.28 ft Single piece island	8A-SRB-2032-S	Smooth
		8A-SRB-2032-H	Brick

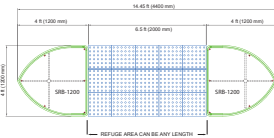
## Traffic Refuge Kits Reference No.



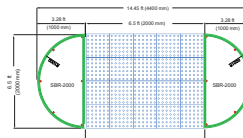
Refuge area  
Length 11 ft  
Width 3.28 ft  
Part No. 8A-SRB-100X2-KIT-S  
Part No. 8A-SRB-100X2-KIT-H



Refuge area  
Length 19.5 ft  
Width 4 ft  
Part No. 8A-SRB-1200X2-EXT2-KIT-S  
Part No. 8A-SRB-1200X2-EXT2-KIT-H

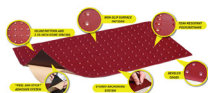


Refuge area  
Length 14.5 ft  
Width 6.5 ft  
Part No. 8A-SRB-1200X2-KIT-S  
Part No. 8A-SRB-1200X2-KIT-H



Refuge area  
Length 19.5 ft  
Width 4 ft  
Part No. 8A-SRB-2000X2-KIT-S  
Part No. 8A-SRB-2000X2-KIT-H

Modular one-piece traffic islands and refuges can be configured in any length to accommodate roadway widths.



### Stick down tactile pads

Self bonding adhesive pads are available in the following sizes. 2' x 2', 2' x 3', 2' x 4', 2' x 5', 3' x 2.5', 3' x 4'  
Visit link for more details: <http://www.endotocorp.com/assets/tactile-pads-v3.pdf>



# PEDESTRIAN REFUGES

## Reflective Options

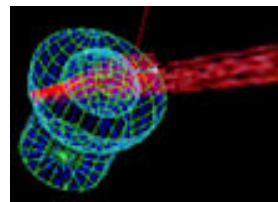
### OPTI-CURB

#### Optical 360 Degree reflective curb markers

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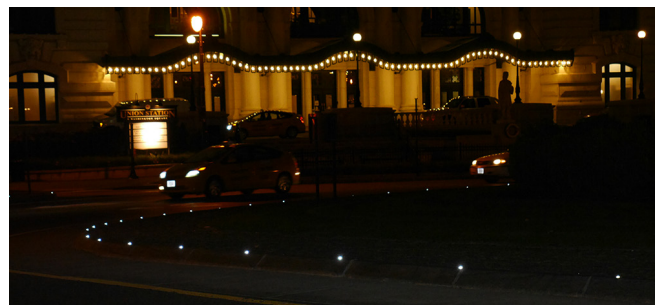
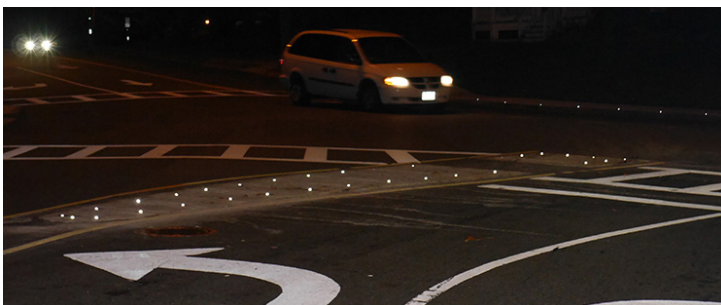


Opti-CURB 360° Optical reflective curb markers are a maintenance free permanent traffic control device designed to last the life of a curb. Illuminate and define raised medians, curbs, islands, rotaries and merging lanes with TOTAL LIGHT FUNCTIONING.



Opti-CURB stud markers are visible from any oncoming direction identifying the presence of curbs and straight-aways for approaching motorists regardless of their oncoming direction of travel. Opti-CURB toughened glass curb markers have been exclusively developed to illuminate and outline all types of concrete, stone and rubber curbing.

Opti-CURB reflective curb markers are constructed from high quality hardened glass, a material that is harder than steel offering excellent resistance to severe outside environments providing exceptional outlining of raised curbing no matter how constricted the contour may be.





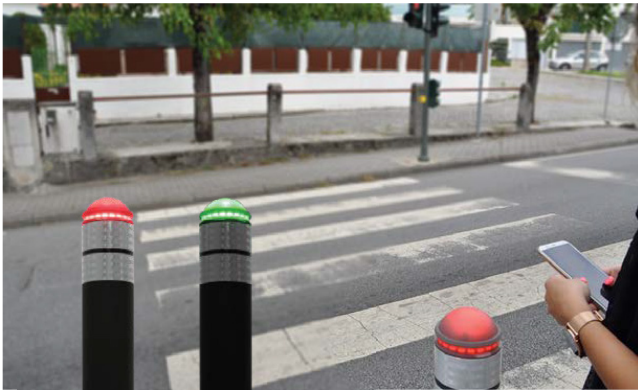


# PEDESTRIAN REFUGE

## Illuminating Bollard Options

## Features & Benefits

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### **Illuminated & Flexible LED Safety Crosswalk Bollards**

Designed to be at a walkers angle of view when pedestrians are looking at their phones, the new CITY-LIGHTS flexible bollard alerts pedestrians if it is safe to cross the street or not.

CITY-LIGHTS LED crosswalk bollards are a ground breaking new traffic solution to meet the changing modern urban mobility.

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### **Features**

- Available signs & bollard attachments for curb mount signalization.
- Optional integrated cavity for integral battery box for powering LED Devices.
- Optional refuge post with cable-less solar powered beacon.
- Solid rubber construction.
- High pressure molds for solid rubber units.
- Large sections maximize stability.
- Traditional shape and color.
- Complete with standard fixing kit. Relocatable and adjustable fixings are available, if required.
- Extension pieces to provide extra length.

### **Benefits**

- A complete pedestrian refuge island can be installed in half a day.
- No excavation required – surface fixed and bolted.
- Stand-alone, broken and continuous configuration options.
- Optional 2 inch OptiCURB 360 degree reflective glass eyes are available.
- Large single piece units prevents many problems, such as separation, often associated with modular systems that are made up of many parts.
- Tough and flexible.
- One-piece traffic island can be extended to any length.