



**Rosehill** Highways

# HIGHWAYS & TRAFFIC CALMING SOLUTIONS



Engineered  
For Simplicity

Made From  
Rubber





# INNOVATION THE KEY TO EFFECTIVE PRODUCTS

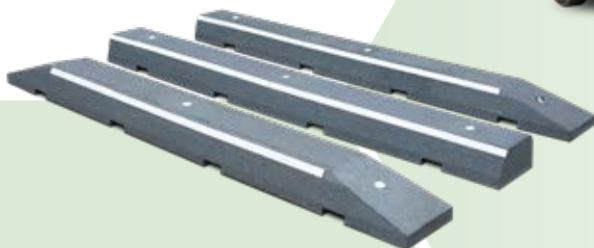


Drawing on many years of polymer experience, and expertise in producing large rubber products, we have developed a new manufacturing system for our highways products that utilises cold cure technology. This environmentally friendly method of manufacture uses far less energy and significantly reduces the carbon footprint of our products.

Our versatile range of engineered rubber highways products are surface fixed so can be retrofitted into any existing situation, or designed into a new whole scheme solution. They deliver significant savings and minimum disruption, wherever they are used.

We believe that by providing large mouldings prevents many problems, such as separation, often associated with modular systems that are made up of many parts.

**We do the tricky stuff,  
so you don't have to.**



## Installation Service

If you're looking for installation, our team can provide a comprehensive installation service across the UK.

To find out more, call us on 01422 839456  
or email [info@rosehillhighways.com](mailto:info@rosehillhighways.com)

[rosehillhighways.com](http://rosehillhighways.com)





# NARROW CYCLE LANE DEFENDERS

ENGINEERED FROM RUBBER

Quick  
installation

Minimal  
disruption

- Create a fully segregated solution where the carriageway width is limited.
- Absorbs energy from impacts.
- Highly reflective.
- Can accommodate curves and undulations.
- Complies with Sustrans and Cycling England guidelines for continuous and light segregation.
- Special fixings allow for re-tightening, relocation and removal.



- Easy to handle, 2 metre units incorporating excellent reflectivity and drainage channels.
- Half battered kerb profile and height on both sides, replicating the pavement kerb.
- A wide cycle lane defender (500mm) is available where space permits.







The Rosehill Highways range of cycle lane defenders are a kerb method of separation. In TRL trials these separators were rated highly for safety, visibility and ease of use.



### Installation Service

If you're looking for installation, our team can provide a comprehensive installation service across the UK.

To find out more, call us on 01422 839456 or email [info@rosehillhighways.com](mailto:info@rosehillhighways.com)

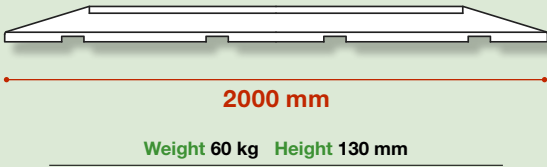




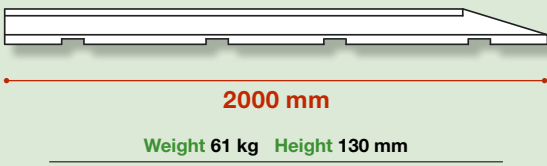
# CYCLE LANE DEFENDERS

SPECIFICATIONS

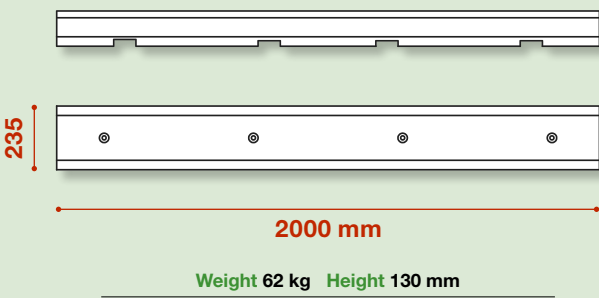
Slope - both ends · NCLD01



Slope - one end · NCLD02



Plain centre section · NCLD03



# LANE SEPARATORS

ENGINEERED FROM RUBBER

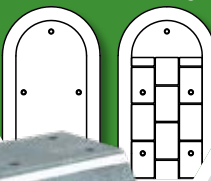
Minimal disruption

No excavation

1 piece units

- Standalone, broken and continuous configuration options.
- Highly reflective.
- Ideal for use as a cycle lane separator.
- Cast in cableway and drainage channels as standard.
- Complete with standard fixing kit. Relocatable and adjustable fixings are available, if required.
- An optional heritage design is available for urban and conservation areas.

Surface Finish Options  
Standard Heritage



1.5 metre long, 1 piece units incorporate integral reflectivity and drainage channels.





A versatile range of lane separators that can be adapted to a wide variety of applications.



### Installation Service

If you're looking for installation, our team can provide a comprehensive installation service across the UK.

To find out more, call us on 01422 839456 or email [info@rosehillhighways.com](mailto:info@rosehillhighways.com)

[rosehillhighways.com](http://rosehillhighways.com)

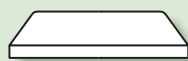




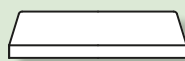
HERITAGE SURFACE  
DESIGN AVAILABLE

# LANE SEPARATORS

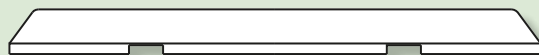
## SPECIFICATIONS



Standard  
Profile

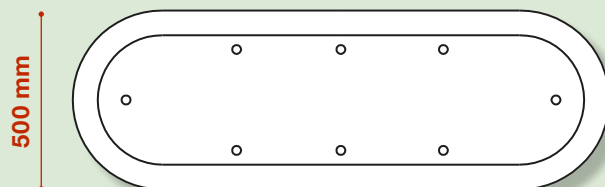


Half Battered  
Kerb Profile



2 Drainage Channels

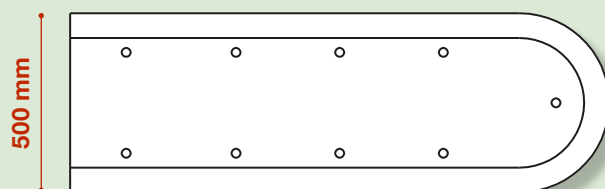
Double Curve • LS01



1500 mm

Weight 95 kg Height 130 mm

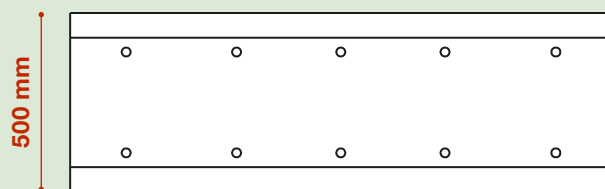
Single Curve • LS02



1500 mm

Weight 100 kg Height 130 mm

Extension Piece • LS03



1500 mm

Weight 105 kg Height 130 mm

Bollards not included - purchase separately.  
To view the technical specifications,  
please visit [www.rosehillhighways.com](http://www.rosehillhighways.com).

# TRAFFIC ISLANDS

ENGINEERED FROM RUBBER

Installed in  
hours, not days  
No excavation



- High pressure moulded, solid rubber units.
- Large sections maximise stability.
- Highly reflective.
- Traditional shape and colour, durable and flexes to camber.
- Complete with standard fixing kit. Relocatable and adjustable fixings are available, if required.



Surface  
Finish Options



Standard Heritage

The DI-2000S is the largest  
1 piece rubber traffic island  
in the world.







The DI-2000 range of traffic islands can be adapted with extension units to provide extra length and width.



Traffic islands can accommodate a wide range of lighting columns, bollards and other street furniture.



All traffic islands are available with an optional heritage design for urban and conservation areas.



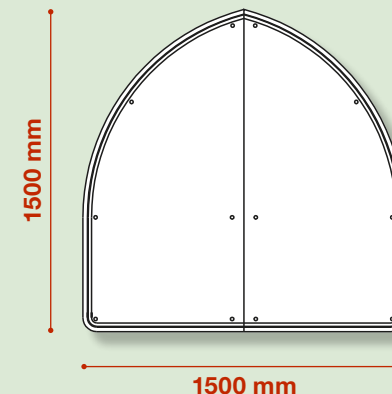
Wide range of reflectivity and illumination options

HERITAGE SURFACE  
DESIGN AVAILABLE

# TRAFFIC ISLANDS

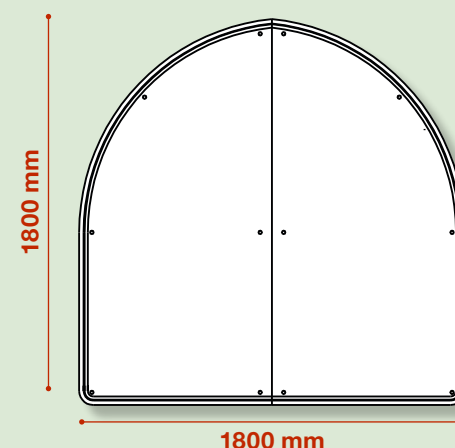
## SPECIFICATIONS

### 2 Piece Traffic Island • DI-1500



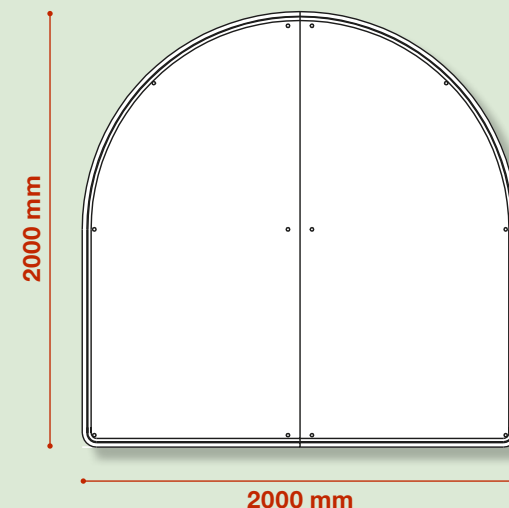
Weight 130 kg per piece Height 130 mm

### 2 Piece Traffic Island • DI-1800



Weight 210 kg per piece Height 130 mm

### 2 Piece Traffic Island • DI-2000



Weight 260 kg per piece Height 130 mm

Bollards not included - purchase separately.  
To view the technical specifications,  
please visit [www.rosehillhighways.com](http://www.rosehillhighways.com).



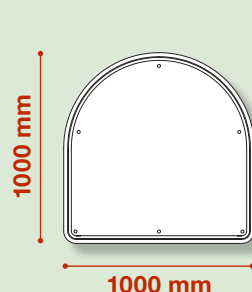


HERITAGE SURFACE  
DESIGN AVAILABLE

# TRAFFIC ISLANDS

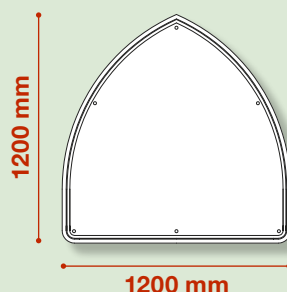
## SPECIFICATIONS

1 Piece  
Traffic Island  
**DI-1000**

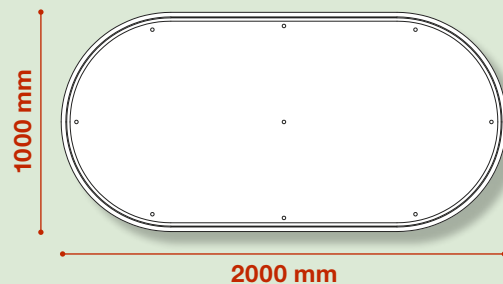


**DI-1000** Weight 150 kg Height 130 mm  
**DI-1200** Weight 180 kg Height 130 mm

1 Piece  
Traffic Island  
**DI-1200**



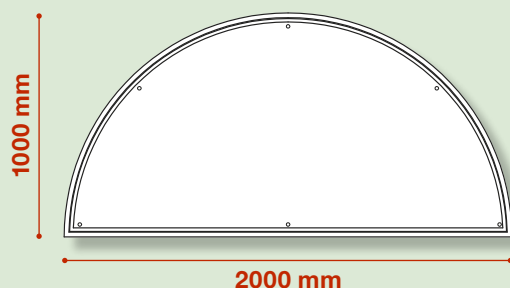
1 Piece Traffic Island • **TI-2000**



Weight 280 kg Height 130 mm

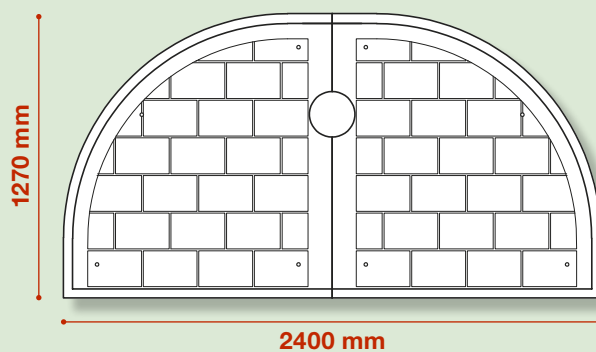
Also available with the Heritage paver pattern.

1 Piece Traffic Island • **DI-2000S**



Weight 230 kg Height 130 mm

Heritage Only • 2 Piece Traffic Island • **DI-2400S**



Weight 190 kg per piece Height 130 mm

Bollards not included - purchase separately.  
To view the technical specifications,  
please visit [www.rosehillhighways.com](http://www.rosehillhighways.com).

# PEDESTRIAN REFUGES

## ENGINEERED FROM RUBBER

Install in less  
than a day  
No excavation

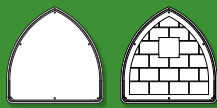
- Integral high reflectivity.
- Only 1 or 2 large sections in each 'D' end.
- Tough units flex to camber.
- Solid rubber sections.
- Pedestrian refuges are supplied as a kit with stick down tactiles.
- Complete with standard fixing kit. Relocatable and adjustable fixings are available, if required.







#### Surface Finish Options



Standard Heritage

Engineered to accommodate street furniture.



Stick down tactile.



#### RI-2000S Refuge

Use our one piece island units to create a 2 metre wide pedestrian refuge, whilst minimising the road length used.

[rosehillhighways.com](http://rosehillhighways.com)



HERITAGE SURFACE  
DESIGN AVAILABLE

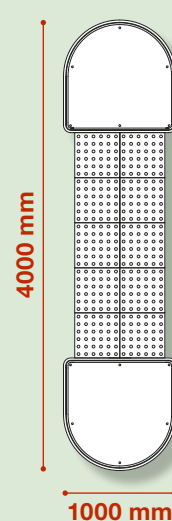
# PEDESTRIAN REFUGES COMPLETE KITS

## SPECIFICATIONS

Extensions and additional components are available on request.

### Refuge Island

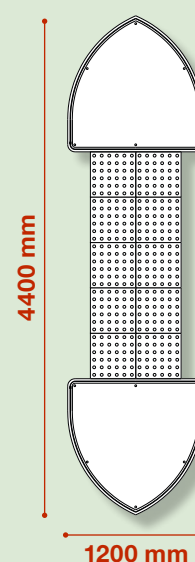
#### RI-1000



Kit includes 10 flat 400 x 400 mm stick down tactiles.

### Refuge Island

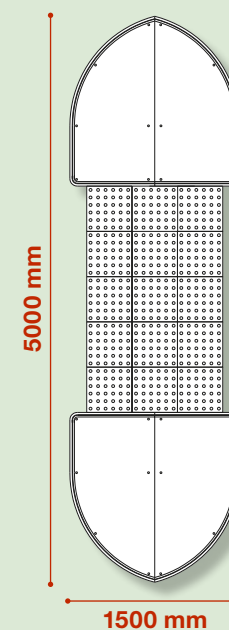
#### RI-1200



Kit includes 10 flat 400 x 400 mm stick down tactiles.

All Pedestrian Refuges Height 130 mm

### Refuge Island • RI-1500



Kit includes 15 flat 400 x 400 mm stick down tactiles.

Stick down tactiles

Size 400 x 400 mm Height 9.5 mm

Extra stick down tactiles can be ordered if required.

Tactile thickness includes the blister.

Bollards not included - purchase separately.

To view the technical specifications, please visit [www.rosehillhighways.com](http://www.rosehillhighways.com).



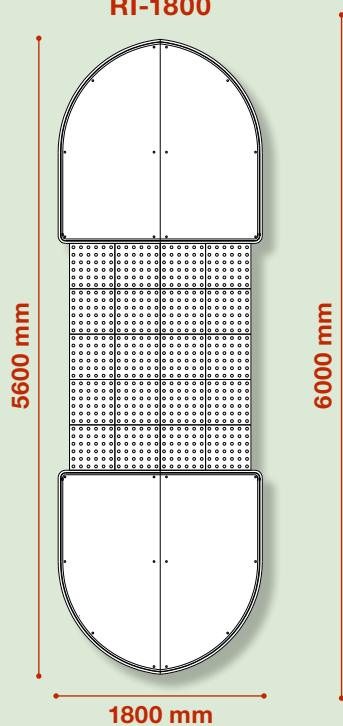
HERITAGE SURFACE  
DESIGN AVAILABLE

# PEDESTRIAN REFUGES COMPLETE KITS

## SPECIFICATIONS

Extensions and additional components  
are available on request.

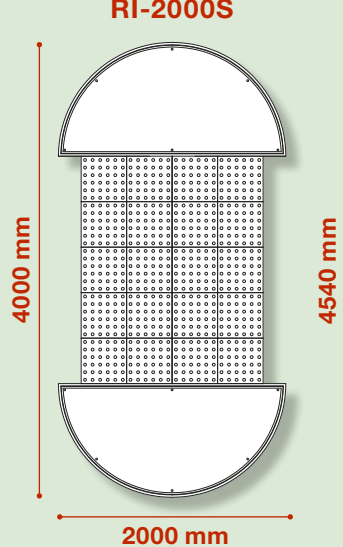
Refuge Island ·  
RI-1800



Kit includes 20 flat 400 x 400 mm  
stick down tactiles.

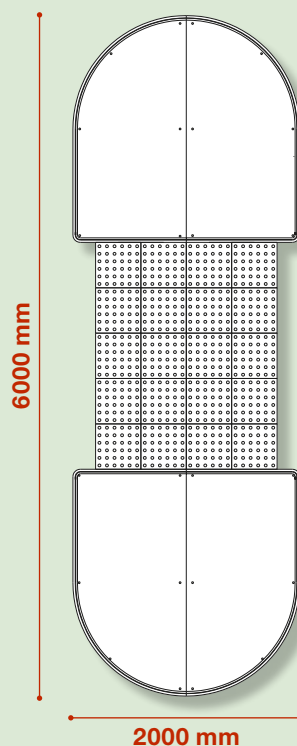
All Pedestrian Refuges  
Height 130 mm

Refuge Island  
RI-2000S



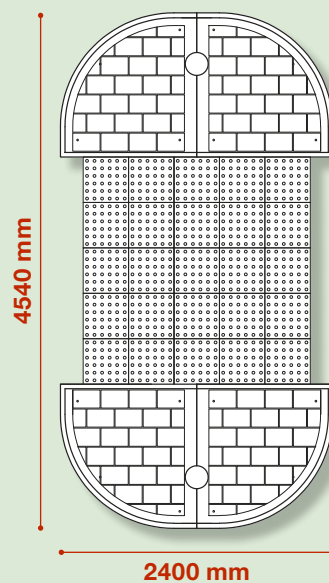
Kit includes 20 flat 400 x 400 mm  
stick down tactiles.

Refuge Island  
RI-2000



Kit includes 20 flat 400 x 400 mm  
stick down tactiles.

Heritage Only  
Refuge Island  
RI-2400S



Kit includes 25 flat 400 x 400 mm  
stick down tactiles.

To view the technical specifications,  
please visit [www.rosehillhighways.com](http://www.rosehillhighways.com).

11

## SPEED CUSHIONS

ENGINEERED FROM RUBBER

Installed  
in less than  
30 minutes

No excavation

- Choice of 1 piece or 2 piece speed cushions.
- Surface fixed, no need for excavation.
- Black or red as standard.
- Low maintenance - impact resistant, retains form.
- Integral white directional arrows.
- Complete with standard fixing kit. Relocatable and adjustable fixings are available, if required.

Tough and flexible, they follow the road surface contour and incorporate a unique underside profile that moulds itself to the road surface without the need for excavation.

12





Installation can be completed in less than 30 minutes, resulting in minimal road disruption and significantly reduced installation costs.

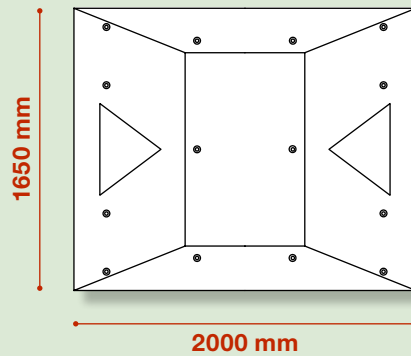




# SPEED CUSHIONS

## SPECIFICATIONS

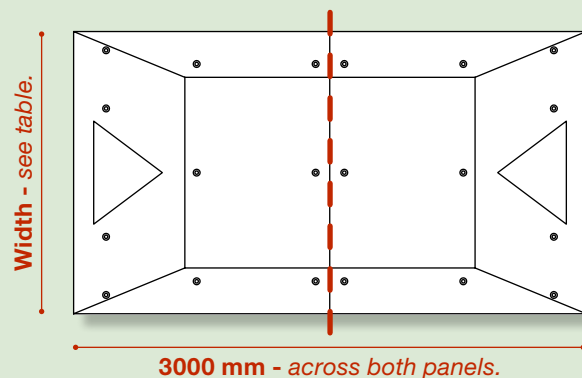
### 1 Piece Speed Cushion - SP1



Weight 170 kg Height 65 mm

Weight 180 kg Height 75 mm

### 2 Piece Speed Cushion - SP2



Width	Weight	Height
1650 mm	260 kg	75 mm
1750 mm	280 kg	65 mm
1900 mm	300 kg	75 mm

To view the technical specifications, please visit [www.rosehillhighways.com](http://www.rosehillhighways.com).

13

# RAISED TABLES & CROSSINGS

## ENGINEERED FROM RUBBER

Slows traffic effectively

Installed in less than a day



- Surface fixed, no need for excavation.
- Significantly reduce the cost and disruption of constructing raised tables and crossings.
- Large durable rubber sections maximise stability.
- Can be configured as tapered end humps, or kerb to kerb raised tables.
- Integral white markings can be configured to produce a raised zebra crossing.
- Complete with standard fixing kit.



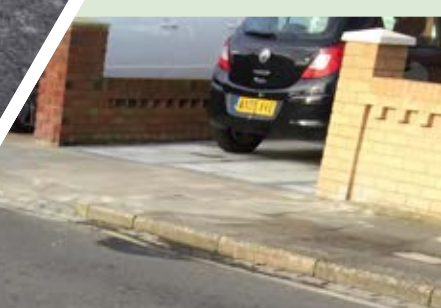
Maximise pedestrian safety with a full size raised crossing that slows traffic effectively.

Remove the cost and hassle of excavation - our full carriageway width tables and crossings can be installed in less than a day.



14



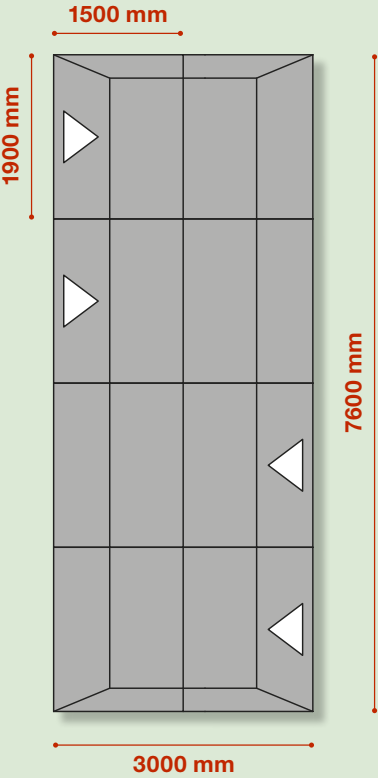




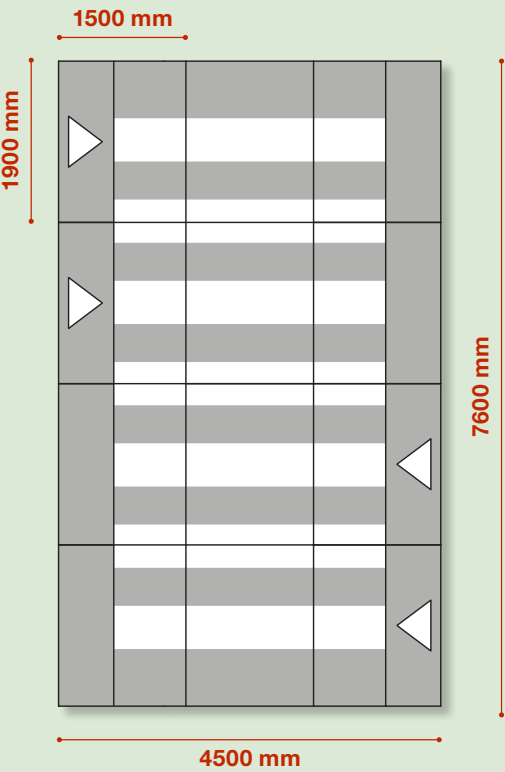
# RAISED TABLES & CROSSINGS

## SPECIFICATIONS

### 8 Piece Raised Table



### 12 Piece Raised Zebra Crossing



Raised tables and raised zebra crossings can be configured to suit any width required.

Raised table section	
Size	1900 x 1500 mm
Weight	150 kg per piece
Height	75 mm

# TEMPORARY SOLUTIONS

ENGINEERED FROM RUBBER



The installation-removal-refit qualities of our products provide the flexibility that makes them ideal for use in temporary and semi-permanent applications, such as concept trials of new layouts or to provide greater protection through roadworks.







# OFF HIGHWAY SOLUTIONS

ENGINEERED FROM RUBBER

**From car parks and logistics sites, to factories, retail parks and hospitals, our products help you manage and calm traffic on your site.**

Our innovative surface mounted engineered rubber products are designed to be quickly and easily fixed directly to the road surface. This minimises disruption and enables expensive excavation and construction costs to be eliminated, delivering a robust, high quality solution, at a significantly lower cost.

## More than just a supplier

We can help with every stage of your project, from initial consultation to onsite installation.



Use traffic islands to create chicanes and pinch points.



## Barrier Islands

Available in a range of sizes and finishes to meet all requirements, our barrier islands can be provided with adaptations for various types of street furniture.





# OFF HIGHWAY SOLUTIONS

ENGINEERED FROM RUBBER



## Speed Calmers

A low maintenance, impact resistant alternative to asphalt, our speed calmer was originally developed for use on retail distribution centre sites with high volumes of HGV traffic.

Two versions are available:

- One-way traffic - with a shallow up ramp and steep down ramp.
- Two-way traffic - with symmetrical ramps.



## Raised Crossings

Ideal for hospitals, schools, colleges and other sites with public pedestrian access, a kerb to kerb engineered rubber raised crossing creates a more visible crossing for pedestrians, without the need for significant excavation works.





### Solid Rubber Bollard

The Rosehill Highways FLEX Bollard is ideally suited for use in car parks, pedestrian zones and on access roads. The bollards can be surface mounted, fixed into the ground or mounted into another Rosehill Highways product, such as the cycle lane defender, to create a parking bay fender.

- Fully flexible and impact friendly.
- Solid rubber with no voids and no steel inserts.
- Very strong and durable.
- Will not crack or split.\*
- A sign face head option is available to apply graphics.
- In-ground or surface bolt fixed.

\* Will withstand multiple impacts under typical off highways conditions.

Recovers from repeated impacts.



Height (above ground) 875 mm

Diameter 100 mm Weight 8.5 kg





"By using Rosehill Highways' islands in a recent scheme we were able to reduce time on site by nine days. The saving in cost, traffic management and disruption was invaluable in this scheme and other schemes where we have used Rosehill Highways' products."

**Brendon Collarossi –  
Principal Projects  
Engineer, Hartlepool  
Borough Council**

"Being made from durable rubber and only two parts, the cushions offered us an effective alternative solution to constructed asphalt and modular types, in terms of retaining form and angles, together with a secure attachment to the road."

**Mark Hobson –  
Civil Engineering  
Manager, Darlington  
Borough Council**

"We approached Rosehill Highways to discuss their versatile products as a possible solution for a whole scheme requirement. We had a fixed budget and manufacturing, delivery and installation were completed on a tight deadline. As UK manufacturers, they are flexible and accommodating where design and functionality are concerned."

**Andy Perry – Walsall Council**

"CTM Group have exclusively used the 1 and 2 piece speed cushions as the preferred product for their clients traffic calming solutions. It is easy and quick to install and up to 10 cushions can be installed in one shift. Clients have commented on their durability with some cushions having been laid over 4 years ago with zero defects."

**David Oswald – Managing Director  
CTM Group**

"Rosehill Highways was able to provide a bespoke solution that met all our requirements - the pedestrian refuge included provision for an existing Belisha beacon, as well as incorporating a tactile area. From our experience, their products are always fast and easy to install, providing us with a substantial saving in terms of labour and traffic management costs. Plus the disruption to traffic is minimised which is a huge benefit, especially in London, where traffic volumes are some of the highest in Europe."

**Ian Neville – Senior Project Engineer,  
London Borough of Lambeth**

"Rosehill's highway products are very strong and of excellent quality. They have a versatile and extensive range, with a variety of extensions and modifications available. Their sales and technical support is good, which is important when you are overseas and importing. We installed one piece cushions at the Port Of Antwerp to reduce the speed of large heavy trucks, which the port chose over multi-piece systems and asphalt as they had concerns with them coming loose, separating and wearing out".

**Director – Van Haagen DBS,  
Netherlands**



## **Rosehill Highways**

Spring Bank Mills  
Watson Mill Lane  
Sowerby Bridge  
West Yorkshire HX6 3BW  
United Kingdom

Phone +44 (0)1422 839 456  
Fax +44 (0)1422 316 952  
Email [info@rosehillhighways.com](mailto:info@rosehillhighways.com)  
Web [www.rosehillhighways.com](http://www.rosehillhighways.com)



**Rosehill Highways** is a division  
of the Rosehill Polymers Group