

# Safe, Clearly Marked Roads For DORSET COUNTY COUNCIL

## Challenge Identified

The "Urban Village Concept", in addition to creating an aesthetically pleasing street scene, provides improved highway safety enforcing low vehicular traffic speeds by strategic positioning of buildings thereby reducing unrestricted lengths of road. This concept necessitates the use of reduced junction radii and speed control bends. In order to prevent mis-use of these streets, by vehicles over-running footways, et cetera, the need for physical deterrents are identified at the approval stage.

Emergency access routes are considered also, which still restrict access to private vehicles.

## The Solution

Dorset County Council were familiar with the Glasdon UK product range, including their Socketed Bollards. After discussing the various options, Victory™ bollard with Class I Red/White retroreflective banding was chosen for its aesthetics and ease of maintenance. The traditional styling of Victory bollard suits the housing developments whilst still providing a clear visual indicator/delineator for traffic and pedestrian safety. To restrict vehicle access and provide emergency access routes, highly visible, drive-through bollards were required. Neopolitan™ 150 Rebound bollard was the ideal solution. Neopolitan 150 Rebound is an impact-absorbing bollard, which can be driven over by emergency services vehicles, saving valuable time in the event of an emergency.

## Resulting Benefits

Following the installation of Victory and Neopolitan 150 bollards in new housing developments throughout Dorset, the following benefits have been noticed:


- Victory bollard is now recognised as the standard visual indicator/bollard for vulnerable pinch points, junctions and parking zones.
- Victory bollard requires minimum maintenance. Manufactured from Durapol® material, it will not chip or rust, and never needs painting.
- Neopolitan 150 Rebound bollard has created emergency access routes that are accessible by emergency services vehicles, but restrict entry to other road users.
- The White Neopolitan 150 Rebound bollards with Red retroreflective banding are now recognised by the general public as the marker for all emergency access routes.
- Maintenance costs have been reduced by the installation of Neopolitan 150 Rebound bollard, which is manufactured from Impactapol® material, a durable, impact-absorbing, flexible polymer. The post self-returns to an upright position after being driven over by emergency services vehicles.
- The Neopolitan 150 Rebound bollard negates the requirement for "socketed bollard" keys to be carried in all emergency response vehicles.

## What the Customer Says:

“The 'New Streets Section' feel both the socketed Victory bollard and the Neopolitan 150 Rebound bollard provide a simple but effective solution to both pedestrian/parking issues and emergency access problems in new housing/section 38 developments within Dorset.”

Vern Phillips, Technical Officer - New Streets, Dorset County Council.

We are grateful to Dorset County Council for the kind help given in the production of this case study.

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