

Focus On

Highly Visible and Cost Effective Bollards For DORSET COUNTY COUNCIL



Problem Identified

Dorset County Council identified a high level of accidents on the A37 between Yeovil and Dorchester. They found that the combination of high speeds and low visibility at junctions along this route may have contributed to a cluster of serious accidents on this stretch of road. The Council investigated possible solutions to this problem including white painting and reflectors on the kerbs, but these solutions were not robust enough and caused maintenance problems. To create a safer environment and minimise costs, Dorset County Council required a highly visible yet inexpensive solution which would give advance warning of junctions.

Solution

Dorset County Council contacted Glasdon and received a site visit from a specially trained Glasdon Representative. The white Glasdon Admiral™ Junction Marker bollard, with a 150mm red and white reflective band, was demonstrated.

Manufactured from Impactapol®, a polymer specially developed with enhanced flexibility, Admiral bollards have been tested to ensure they are passively safe. This makes the bollards ideal for vulnerable sites as they significantly reduce the risk of injury and damage to vehicles in a collision. Following a drive-through, the bollards will self-return to an upright position, ensuring the hazard remains clearly marked and saving on expensive replacement costs. Dorset County Council ordered 3 Admiral bollards for a trial period, then soon ordered 21 more after they proved to be a success.

Resulting Benefits

The Admiral bollards have provided effective traffic management whilst cutting maintenance and replacement costs. Other benefits include:

Highly visible - The bollards have a large area of reflective banding, increasing visibility at hazardous junctions, both day and night and in winter conditions.

Passive Safety - Flexible Impactapol material reduces the risk of injury to vehicle occupants as well as damage to vehicles in the event of an accident.

Cost-Effectiveness - Reduced replacement costs as the bollards will withstand repeated impact.

Low Maintenance - No painting is required and the smooth finish prevents build-up of moss and algae.

What the Customer Says

Mr Kevin Cheleda, District Highways Engineer at Dorset County Council stated:

The Glasdon Admiral bollards were found to be a cost effective, low maintenance solution for marking rural junctions on the high speed A37 route. We have had very positive feedback from the general public and Parish Councils along the route since the bollards were installed.

**Glasdon**

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