

BikeGuard



Despite many improvements in road safety, motorcyclists continue to be vulnerable and the roadside safety barrier which has saved many motorists lives, presents a hazard to motorcyclists when following an impact, the rider often sustains serious injuries which generally prove fatal.



Sharp bends and gradients with changes of direction are particularly hazardous. Highway Care are now able to offer BikeGuard, a high quality, lower steel beam that can be attached to open box beam and tensioned corrugated beam barriers to improve the safety performance of these barriers when impacted by motor cyclists.



Used extensively throughout Europe, BikeGuard prevents motor cycles and particularly their riders from sliding under the barrier and becoming snagged on the barrier support posts. This considerably reduces the extent of motorcyclist injuries and is a product coroners and emergency services have endorsed the use of.



BikeGuard is manufactured in galvanised steel, and is fixed to the barrier with specially shaped brackets which attach to the rear of the barrier rail, allowing the BikeGuard to perform independently of the barrier during impact. The BikeGuard system utilises slotted holes and a hanging bracket to enable horizontal and vertical adjustment. The brackets are secured to the back of the barrier with purpose designed fixings to suit different barrier types.



"BikeGuard may be used where a risk to motorcyclists has been identified (for example, due to lack of transition curves and/or tight bends) BikeGuard may be used as an additional safety feature fitted to vehicle restraint systems on the trunk road network". Extract from Highways Agency Letter, dated 14th September 2004.

BikeGuard has been used in trial locations in the UK and can be used in the above circumstances after obtaining a Departure from Standards. Highway Care Limited will survey potential sites and offer assistance in securing this Departure as part of their customer service commitment.

