Highway Care

CUSTOMER CASE STUDY

BarrierGuard 800 Protection at Bournemouth Wheels Festival

Highway Care BarrierGuard 800 is once more the chosen barrier to protect drivers and spectators during the three day fuel filled, high speed specticle in it's 3rd year!

SOLUTION SUMMARY

In 2015, Bournemouth Borough Council set out to find a barrier that will protect the hundreds of thousand visitors to their town while limiting further disruption to traffic in the build-up and demolish of their annual motor festival.

Logistics had been an issue in the infancy of the event in 2014, the selection of a heavier barrier required over 30 delivery trucks to install the barrier. In 2015, Bournemouth Borough Council selected Highway Care's BarrierGuard 800 portable steel barrier. Upon its successful deployment, increased safety for both drivers and spectators; BarrierGuard 800 will continue to be used for Bournemouths third event in June 2016.

"Highway Care was pleased to supply Bournemouth Wheels Festival with a barrier that matched their requirements. BarrierGuard 800 is a low deflecting, high containment barrier that is perfectly suited to a quick deployment with limited disruption. The event was a success and we were able to deconstruct the barrier promptly after the event"

MIKE HALE
Business Development Manager
Highway Care

"I was impressed both with the barriers themselves and probably even more so, the efficiency of their removal. I went out in the morning of the removal expecting to see them being taken away only to find they had been removed with no apparent disruption at all. The bolt holes in the highway had all been filled with bitumen as agreed and there was next to no evidence they had ever been there"

MARTIN DOVER
Highway Network Manager
Bournemouth Borough Council

FOR MORE INFORMATION

www.highwaycare.co.uk
www.bournemouthwheels.co.uk

The high speed three day event that contributes to Bournemouth's motoring heritage takes place between May and June. The Bournemouth Wheels Festival is heading for its third consecutive year in 2016 and provides a spectacular attraction,with a range of events spanning the weekend. A popular spectator area is on the Demonstration Straight, stretching along the length of the East Overcliff and providing festival-goers a chance to line the course to watch bikes, karts, historic F1, Le Mans, Touring, Rally and Supercars in action.

THE CHALLENGE

Over 300,000 spectators visited the festival in 2015, all requiring protection along with increasing the safety of all stunt and race drivers displaying their skills. To ensure their protection over the duration of the festival, Bournemouth Borough Council needed to search for a strong temporary barrier system that could be installed quickly, limit disruption, ensure the containment of an errant vehicle and not damage the road surface.

THE SOLUTION

Highway Care was selected in 2015 to install approximately 1.4km of BarrierGuard 800. With its low deflection and quick installation, BarrierGuard 800 is considerably lighter in comparison to other temporary barrier solutions, weighing just 90kg per metre.

Approximately 7 trucks of BarrierGuard 800 were required instead of a potential 30+ trucks necessary to deliver heavier alternatives selected for the first year of the festival.

BarrierGuard 800 steel barrier system from Highway Care is perfect for temporary locations, it is listed in the Highways Agency's "Accepted EN1317 Compliant Road Restraint Systems" and has been approved to EN1317 Part 2 at N2 and H2. BarrierGuard 800 is the lowest deflecting temporary steel barrier per frequency of anchors (1m deflection at test level N2).

BarrierGuard 800 is installed and removed by Sector Scheme 2b qualified crews only and is available with approved crash cushion end terminals.

FEATURES

High Containment – will contain a 7500 Kg truck at 45˚ travelling 50 km/h or a 13000 Kg bus at 20˚ travelling 70 km/h.
Versatile – design allows for angle plates and angle sections to be used for tight radii.
Easily Replaced - Impact damaged barrier sections are quickly and easily replaced.
Easily Accessed - Emergency access gate system available.
Light Weight - Barrier only weighs 90kg/metre. The unique design of the 'QuickMount' connector provides a substantial resistance to lateral impact forces, allowing a high strength / low weight construction.

ABOUT BOURNEMOUTH WHEELS FESTIVAL

Bournmouth Wheels Festival returns for a third year, 3 – 5 June 2016, with new attractions including a daredevil motorcycle stunt team, a brand new show from TV stunt star, Paul Swift, and championship quad bike racing on the beach.

See non-stop, high speed action along the Demo Straight, monster metal crushing madness, gravity defying quad bike jumps, breath-taking BMX and skateboard tricks, as well as a 33-metre big wheel in Bournemouth's town centre!

The Bournemouth Wheels Festival organisers also organise the award winning Bournemouth Air Festival – one of the 'Top Ten Airshows in the World' (USA Today 2012)

ABOUT HIGHWAY CARE LTD

Highway Care Ltd is a key supplier of specialist road safety products and services for use on high speed trunk roads and lower speed municipal roads, offering high quality products and professional service. Through our relationship with strategic partners and a clear understanding for the requirements of the road safety market, Highway Care is committed to developing and introducing a range of innovative products designed to increase safety and reduce costs.