Insitu concrete barriers have proved to be the right safety restraint system for the central reserve of major roads throughout the world. The benefits are proven and unambiguous:-

- High performance
- Accident frequency reduction
- Zero maintenance
- Reduced installation cost
- Whole life cost benefit
- High productivity
- Rigorous process quality control
- Ease of integration within project design and construction processes
- Reduced environmental impact

Extrudakerb / Britpave concrete barrier have never required maintenance even those impacted during crash testing. In fact, the same length of barrier was impacted at the exact same location by three separate crash tests during recent studies of impact severity levels and even then this barrier required no subsequent remedial work.

Aside from the obvious cost benefits a maintenance free safety restraint system affords the road operator there are other significant related benefits including a reduction in risk to road workers who are no longer required to be exposed to high speed traffic whilst undertaken barrier repair work. Furthermore road users benefit as traffic flow is not subjected to restrictions due to lane closures imposed to make repairs to damaged barrier systems.

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A study conducted by the UK’s Highways Agency and published on their website confirms that the use of concrete barrier has seen a 70% reduction in reported accidents when compared to adjacent sections where steel barriers are provided.
Extradakerb / Britpave Concrete Safety Barrier - The Benefits

Extradakerb / Britpave barrier systems benefit from an unrivalled suite of design and construction documents including drawings, technical data sheets and design reports. A web based technical support system allows specific queries to be raised with comprehensive response within 5 working days.

Design and construction documents as well as detailed reports are available that simplify construction of Extradakerb / Britpave barrier over structures, around hazards, adjacent to drainage systems as well as the integration of street lighting, traffic signs and transition to other safety restraint systems.

Extradakerb are independently audited each year by Britpave to ensure compliance with specification and therefore product installation wholly in line with the requirements of EN1317. As a direct result this system is the world’s only guaranteed in situ concrete safety restraint system installed under Licence.

As part of the Extradakerb / Britpave Specification rigorous controls are provided including material design and testing criteria, as built tolerances as well as quality and environmental certification.

A thorough environmental investigation has been undertaken and a detailed report published concluding how concrete barrier meets Client and national requirements and demonstrating that concrete barrier is truly an eco-friendly safety restraint system.

A cost study is also available that’s takes a detailed comparative sound bite of various safety restraint systems and their initial and whole life costs. Extradakerb / Britpave concrete barrier systems represent an initially affordable solution that provides unrivalled whole life costs.