

SMARTRAFT[®]

MODULAR HIGHWAY SOLUTIONS

RESTORE



The Future of Highway Safety Infrastructure
Durable. Versatile. Sustainable.

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RESTORE®

- Deformable Concrete Vehicle Restraint System
- UKCA marked
- Certified to EN 1317 standards:
 - H1 W2,, ASIB
 - H2 W2, ASIB
- Vertical Energy Absorbing: Designed to effectively retain vehicles.
- Enhanced Safety- Reduced THIV (Theoretical Head Impact Velocity)



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- Modular: Easy to maintain, repair & replace
- Can be installed on Smarcraft® over drainage & services
- Can be installed directly to existing concrete bases
- Can be installed without detracting from the performance of existing drainage
- Achieve Radius down to 6m
- Removable & Reusable
- Safer more efficient installation
- No cyclic maintenance
- Life span 50-years *



* Galvanised steel components to be inspected after 20 years

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Deformable Concrete Vehicle Restraint System

- VRS elevated by 250mm:
- Prevents debris build up
- Reduces snow & sand drifts
- Provides access for wildlife
- Ensures free flow of water; reducing flood risk
- Can be used as works access gates- cross overs, contraflow friendly, works area protection.
- Easily removed for emergency access



SMARTRAFT®

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Work Smarter Not Harder with Smarcraft®



- Smarcraft® can be installed quickly and efficiently with minimal excavation or muck away.
- Once a 200mm deep trench is excavated, Smarcraft® is lifted directly into place, with the VRS crew installing the barrier system closely behind.
- Smarcraft® will have already reached the required concrete curing strength before its installed, so the system can be commissioned immediately after installation has been completed.