



BRIDGE PROTECT

Bridge Protection

Better, safer, faster, smarter.

Nitty-gritty technical challenges, like scouring the globe to source the best product for a given solution, or inventing one that's even better.

That's just the way we're wired. That's why, when we say we'll deliver a solution, we deliver. First time. And that's how we save you time, trouble and money – when you're dealing directly with the industry's brightest minds, you get the answers you need, faster.

No excuses. No cost blow outs. Just a solution that works.

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BRIDGE PROTECT



THE PROBLEM

Over height vehicles hitting low rail bridges causing rail traffic delays, injuries and deaths.

QUICK FACTS

- Detects overheight vehicles
- Directed and clear visual messaging
- Reduces Impacts
- Records the incident
- Records the vehicle number plate
- Accelerometer to measure and /or predict potential damage

OUR SOLUTION

ARCS have designed and implemented Bridge Protect, a system that detects overheight vehicles and warns drivers of a potential impact. The system provides recorded footage of the incident and vehicle number plate.

A variable messaging sign with flashing wig-wag lights provides a directed and clear visual alert to the approaching vehicle driver preventing impacts and reducing rail traffic delays, injuries and deaths.

OUR APPROACH

The ARCS Group adopted a holistic approach to implementing a solution to this problem. ARCS has development Bridge Protect working with our clients to identify the primary concerns of bridge collisions both to the client and to the community.

Human factors are the main cause of these incidents, drivers believing they will not impact a bridge and will have sufficient clearance. This system not only alerts drivers of impending impact it changes driver behaviour significantly reducing the frequency of impacts.

Installed systems have proven a significant reduction in collisions resulting in safer use of treated bridges for both rail and road users.

HOW IT WORKS

