

# Safer Highways

## The Future of Road Guidance



Overhead lights on roads are expensive to install and operate. Light from overhead illumination is also often dispersed in rain and fog creating confusion for the driver and road markings are more difficult to see when the light is reflected off wet pavement.

Reflective Pavement Markers (RPMs), such as the traditional Cat's Eye, are a method of delineating a roadway at night.

A new technology referred to as 'Active In-Pavement Road Marking' emits rather than reflects light. This makes them much easier to see and they are ideally suited to dangerous curves, undivided roads, lane separation barriers and counter-flow (reversible) lanes, especially in foggy or rainy conditions.

**Effective road lighting with up to 90% saving in power consumption compared with overhead illumination!**

Smartstud<sup>™</sup> road delineation systems include high intensity/low power LED-equipped road markers using Inductive Power Transfer (IPT) technology and underground cabling. The markers are compact, rugged and completely sealed. The system is simple and cost effective to install and operate. With IPT technology there are no wires connecting the marker to the underground power cable!

For more information please visit:

**[www.smartstud.com](http://www.smartstud.com)**