



2022

Bridging Systems

General Dynamics: R.E.B.S.
(Rapidly Emplaced Bridging System)

UK MoD

The UK MoD purchased 18 Bridge sets from General Dynamics. LGI were asked to develop a new marking system to enable the drivers of the vehicles to clearly define both direction of travel and width of bridge in both overt and covert modes. The system was designed, tested, delivered and installed onto the bridges inside three months.

Overview on the elements/components of the system shown on the attached slides.

BAE Systems, BR 90 type 10 & 12
Bridge sets

UK MoD

Requirement to develop an new marking system which was easily installed and offered advantages over white mine tape or Cyalumes.

Bridge illumination and Defile Marking – to increase rate of advance and safety levels.

Make it easier and safer to cross the bridges in poor visibility or at night we provide a linear illumination system to guide drivers onto, over and off the bridge as safely as possible.

illumination system is all part of the wider gap crossing capability to mark access routes to, from and over the bridge. We used both the Fireworm and NVG Fireworm illuminated linear guidance system (see Video)

Leguan Bridge

Dutch MoD

Completed a new concept marking system for the Leguan bridge. The system included Centre line marker poles fitted with the AIM illumination system. The poles were mounted on cantilever which were fitted to the cross struts at each end of the bridge. Additional poles were supplied which could be fitted to the edges of the bridge using metal shoes which were held in place with Stainless steel pins. The outcome is expected in the summer of 2022

Other bridge projects
undertaken

We have undertaken other projects on behalf of :
New Zealand, France, Sweden and Israel