



Case Study: Triq it-Tigrija, Malta

Background

Triq it-Tigrija, located in Victoria (Rabat), Malta, is a historic street once used as a racecourse and now forms the lower section of Republic Street (Fortunato Mizzi Street). Rich in heritage, the route is lined with landmark buildings, including structures that pre-date the Knights of St John, making it both culturally significant and heavily used.

Today, the road functions as a winding single carriageway where tight bends and limited street lighting present challenges for drivers, particularly at night. Enhancing visibility and ensuring safe navigation along this important route became a key priority.

An initial installation of over 1,000 surface-mounted road studs was carried out to improve delineation. However, due to a combination of installation and material factors, the solution did not deliver the required long-term performance.

Key Benefits ▼

- **Enhanced durability** – flush installation protects against traffic wear and environmental stress
- **High visibility** – clear, consistent delineation in low-light conditions
- **Low maintenance** – long operational life with minimal intervention required
- **All-weather performance** – reliable operation in high temperatures and harsh conditions
- **Improved safety** – better guidance through bends and along the carriageway



FULLY
OFF-GRID



MAINTENANCE
FREE



REDUCES
NIGHT-TIME
ACCIDENTS



IMPROVES
SAFETY

Solution Implemented

Clearview Intelligence returned to site to implement a more robust and permanent solution using SolarLite Flush Road Studs.

The flush-mounted design integrates seamlessly into the carriageway, providing superior durability and eliminating exposure to traffic impact. Engineered for demanding environments, SolarLite studs are capable of operating in temperatures of up to 60°C, making them ideal for Malta's climate.

Results

- Significantly improved night-time visibility along the route
- Increased driver confidence when navigating bends
- Reduced maintenance requirements compared to previous solution
- Long-term, reliable performance with no reported issues post-installation

SolarLite Flush Road Studs now provide a durable, high-performance solution, enhancing safety while supporting the ongoing use of this historic Maltese roadway