

Value for Money Initiative: Temporary Lighting Solutions

Opportunity

New permanent lighting will eventually be placed in the new median, but in the interim as the motorway is widened, and raised and traffic is moved onto different alignments, minimum illumination of the carriageway still needs to be maintained.

Solution

When existing lights are either in the way of construction activities or traffic is moved on to new alignments, the Causeway Alliance re-installs the light poles in a more suitable location by:

- salvaging existing shear base stubs, The stubs are buried deeper than normal practice and become sacrificial once the temporary light is no longer required in this locality, or;
- Utilising temporary concrete bases. This means the lights can be readily and easily moved for the next traffic switch, saving time and money.

The Causeway Alliance also supplements any diminished luminosity - as the temporary lightpoles can be further away from the live lanes due to traffic switches - by tilting the bulbs and upgrading them from 250W to 400W

Estimated Costs & Benefits

By doing this it saves the time and costs of bringing in temporary lightpoles from offsite to provide lighting requirements and the ease of moving the temporary concrete based poles to suit traffic switches. It also provides the opportunity to on-sell the pad bases once the project has been completed.

Contributors

The Causeway Alliance



Highways Strategic Priority	Impacts
Safe Journeys	Yes
Efficient & Reliable Journeys	Yes
Social & Environmental Responsibility	Yes
People & Processes	Yes
Efficient Delivery of Works	Yes