Description of Event
Design of temporary narrow lanes failed to consider potential for large vehicles in lane 2 striking central reserve street furniture.

Population at Risk
Construction Workers, Maintenance Workers and Road Users

Hazardous Activity and Residual Risk Description
- HGV and high-sided vehicles operating in narrow lanes without adequate space between vehicle and street furniture with an assessed residual risk of almost certain likelihood of major harm.

Potential consequences of this event
- HGVs striking street furniture or barrier causing debris to strike vehicles in the opposite carriageway or complete failure of asset.

Safety Hub Alert Database
- Filtering by text "lighting column collapse" in subject description has 1 safety alert.

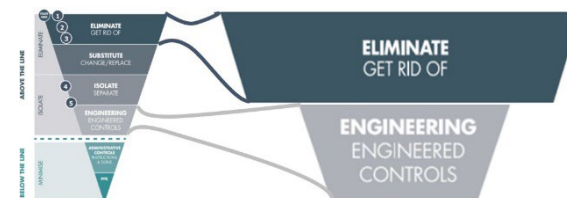Photo of HGV with wing mirror close to lighting column.

Photo of HGV with wing mirror close to lighting column.

Potential Mitigation Measures

Design

- Design to provide suitable separation distance between live carriageway and street furniture in central reserve.
- If possible, permanently or temporarily design to remove street furniture and relocate in the verge.
- Temporary design to prohibit HGVs in outside narrow lane.
- Design to ensure placement of any temporary signage is away from road vehicles.

Construction
- Undertake road user safety checks prior to opening narrow lanes for live traffic and ensure vehicle restrictions in place if necessary.
- Provide warning signage of lane widths to road users.
- Place temporary street furniture in the verge.

Maintenance / Operations
- Assess the changed cross-section in the temporary state for available working space.
- Update information on permanent street furniture in central reservation in health and safety file / asset management database.

Further Guidance and Reading
- CD 127 – Cross-Sections and Headrooms
- CD 377 - Requirements for Road Restraint Systems
- Road Restraints Risk Assessment Process (RRRAP)
- RtB 4 - Temporary Vehicle Restraint Systems (TVRS)
- RtB 39 – Traffic Safety and Control at Roadworks

Please send ideas for Whole Life Design safety shares to wellbeing@nationalhighways.co.uk

LEAN					Reduced Land		Improved end user benefits			Reduced Reportable Accidents