highways england

INFORMATION

Safety Alert

Unplanned Movement of TVRS

23 April 2020

The following pages of this safety alert were issued by Highways England's supply chain partner:

Kier Highways

SHE ALERT

Ref: SHE H160 A 2020
Issued by: Kier Highways SHE Department
Date: 23/04/2020

Unplanned Movement of TVRS

What Happened

On the 10th April 2020, a section of Temporary Vehicle Restraint System (TVRS) was displaced by approximately 3 metres from its installed position between lanes 3 & 4, ending up on the edge of lane 2 of the M6 southbound carriageway.

Fortunately, at the time of the movement, traffic flow was minimal, and the displaced barrier did not adversely affect road users.

An internal investigation is on-going, and an update to this alert will be released upon its completion.

Initial findings

- The movement of the TVRS was caused by expansion.
- The TVRS had not been pinned at the location of the movement as per the specified design.
- The TVRS had not been pinned over a section of 500 metres due to accessibility issues caused by the interface with other contractors work activities on the night of the installation.
- The pinning was not completed at the next available opportunity for access.
- No quality checks were undertaken post installation which would have identified the incomplete installation of the TVRS.

Actions/Recommendations

- All work activities to be effectively planned, taking account of the work interface between contractors.
- All TVRS installations to be installed to design specifications.
- Post installation checks to be undertaken on all TVRS to ensure compliance with design specification.

KIER

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