



Safety Alert

HiPo: Asset Damage

23 June 2020

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

Kier Highways

SHE ALERT

Ref: SHE H166 A 2020

Issued by: Kier Highways SHE Department

Date: 19/06/2020



HIPO: Asset Damage.

On 17th June 2020 during nightshift work a TL 90 mobile tower light was being towed following the completion of the vegetation clearance works. The vehicle towing a mobile tower light was about to exit the temporary traffic management area on the M6 southbound between Junctions 13 & 14.

The mast of the tower light which was not lowered prior to transit, struck the north face of Thorney Lane Road bridge spanning the M6 carriageway.

The impact caused the mobile tower light to overturn, resulting in the mast resting within lane 1 and 2 of the temporary closure.

No damage to the road bridge was sustained, however the mast and head lighting of the tower light were significantly damaged.

A temporary rolling road block was implemented to safely remove the tower light and debris from the lane closures.

No injuries were sustained.

Key Findings

- The mast of the tower light was not lowered prior to transit.
- The mast was extended to approximately 5.5 metres
- The operative did not use the side primary controls for lowering the mast.
- The operative used the hand break (secondary control mechanism) to lower the mast.
- The hand break lowering mechanism was not fully engaged with the interlock system.
- The operative assumed the mast had lowered and did not complete checks prior to transit.
- The operative did not follow the manufacturers operating instructions.

Actions.

- Ensure familiarisation training is completed prior to use.
- Follow the manufacturers operating instructions at all time.
- Tower light masts are to be fully retracted prior to transit.
- Carry out checks prior to transit.



Secondary control was not in full contact with the interlock.

