

# Lifting Operations

## *Safety Alert*

June 2017

### Description:

Equipment was being delivered to site using a HIAB (Lorry Mounted Crane) to the verge of a Smart Motorway site.

The HIAB arm was lifting the trench box vertically, when the operator stated that the lifting mechanism 'froze' leaving them unable to operate controls.

It is alleged that during this period, the trench box deviated from its prior position and encroached into 600mm safety zone/vicinity of temporary crash barrier (TCB).

No adverse impacts were reported as a result.



### Investigation/ findings:

- Review of lift plan for activity to ensure suitability.
- Use of tag lines to guide load.
- Manufacturer inspected HIAB which confirmed there was no issue with functionality.
- Familiarisation training in use of equipment
- Consideration of positioning of vehicle whilst offloading
- Review of working width in area.

### Further Information:

For further information please contact the National Health and Safety Team via email on:

[NH&ST@highwaysengland.co.uk](mailto:NH&ST@highwaysengland.co.uk)

### Learning:

- **During planning of lifting operations ensure there is space to allow full extension of stabilising arms.**
- **Lift Plan should be followed and tag lines attached to secure load during transit.**
- **Ensure operator is competent in correct use of lifting equipment.**