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

**Kier working on M23 Smart Motorways Scheme**
Overturned Rider on Roller

What Happened

Whilst a piling mat was being constructed, which forms part of the permanent works for an emergency refuge area, an operative was compacting 150mm layers of materials driving a 2.5t, 12D Hamm, 120 ride on roller.

During compaction, the operator drove too close to the edge of the platform and as he reversed back to pass, the back end of the roller began to slip over the edge of the platform. The roller tipped over slowly on its right-hand side with the operator still at the wheel.

The operator was not injured in the incident, he had his seat belt on at the time and therefore did not come off the roller and no part of his body was trapped.

Key Findings

- The roller was operating too close to the edge of the platform
- No Physical measures were considered or installed to prevent the roller from coming too close to the edge
- Direct Instructions to keep away from the edge were not adhered to which were documented in the daily briefing
- The SSoW did not mitigate key hazards associated with the work

Action to Be Taken

- Do not operate rollers too close to the edges of slopes and embankments
- Ensure physical protection is provided to prevent plant from coming too close to slopes/embankments (barriers, blocks,)
- Consider the use of remotely operated compactors.
- Ensure all operators of ride on plant understand instructions

Further Information:
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