

Lesson Learned No-10

VEHICLE ROLLOVER ON TO SIDE - HIPO NEAR MISS

Event Description:

Side-boom assigned to Tie-in crew tilted sideways into a side slope on the left side of the RoW.

The machine was passing between two stationary side-booms, involved in a tie-in activity.

Due to the available pass way being very narrow, the operator recovered the counter-weight and tracked the machine too close to the non-compacted edge of the RoW, having the load on the slope side.

The machine started to tilt sideways and the operator, trying to release the weight, started lowering the load.

He moved both hook and boom, causing the machine to become off balanced and rolled completely to its left side.

Operator was using his seat belt

No injuries were reported.

Photo:



Possible Consequences:

Lost Time Injury

Immediate Actions:

- The activity was suspended and an investigation was started.
- A stand down was organized on the following day by the Project Manager and Construction Manager with all construction Supervisors and Side-boom operators.

Possible Reasons:

- Wrong instruction provided by the Supervisor.
- Inexperienced Operator, the action of lowering the boom have worsen the stability of the machine.

Lesson Learned Conclusion:

- Lack of planning of the activity.
- Transportation of pipe was not included on the Job Safety Analysis
- Ground conditions should be assessed prior instruction given by Supervisor
- When equipment is working on a congested area, a banksman must be use for Operator's guidance.