

Value for Money Initiative: Red Zones

Opportunity

The largest safety risk on a project is plant and people interaction. The Causeway Alliance has already implemented a number of innovations (red/green isolation lights and radio communication) to try and minimise/isolate plant and people interaction risk. The Causeway Alliance has developed a further control called red zones to separate people, light vehicles & heavy vehicles from operating mobile plant with physical barriers, or **red zones**.

Solution

Separate people, light vehicles & heavy vehicles from operating mobile plant with physical barriers or **red zones**. No workers within plant **red zones** without sign off from Project Manager (required for tasks such as drain laying).

All staff on the project have been inducted on the red zone concept and have been provided with an A5 booklet, showing red zones for each type of plant working on the project.

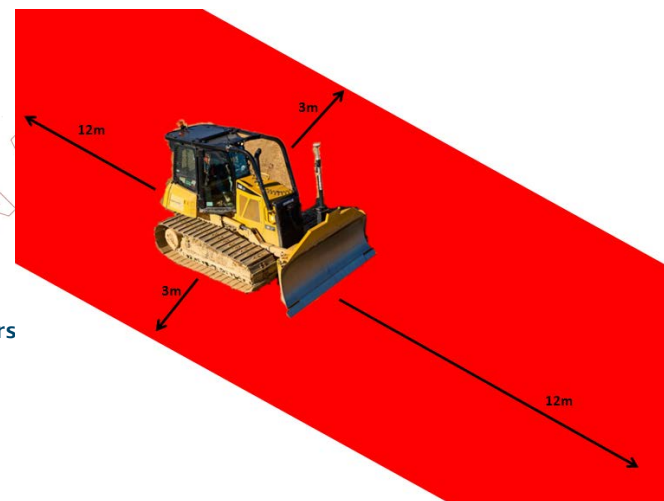
This concept has come from the UK, but the Causeway Alliance identified the opportunity to use it on their project and adapt it specifically to the project environment. Previously a rule existed that no-one is allowed within 15m of plant, however given the tight space constraints on this project, this is not possible and not required. Tailoring the red zone for each type of plant has made the site safer and works more efficient. The concept is getting adopted across all Fulton Hogan and Leighton sites within NZ.

Estimated Costs & Benefits

The main cost associated with rolling out this policy was time. The Causeway Alliance is passionate about safety and this is reflected in the charter. Hopefully this scheme will ensure that everyone returns home each evening. Feedback from staff has been overwhelmingly positive.

Contributors

The Causeway Alliance



| Highways Strategic Priority | Impacts |
|---------------------------------------|---------|
| Safe Journeys | Yes |
| Efficient & Reliable Journeys | No |
| Social & Environmental Responsibility | Yes |
| People & Processes | Yes |
| Efficient Delivery of Works | Yes |