

Trafinz Leadership Awards 2019

Trafinz Safety Leadership Award

Raised Safety Platforms Thomas/Gordon Intersection Safety Improvement - Hamilton City Council

Hamilton City Council has installed the first Raised Safety Platform intersection in NZ.

The implemented project is a safety improvement of a high risk and fatal crash site that had an alarming crash increase over two year that has virtually been eliminated.

The Council realised it needed a new safety tool that could address signalised intersection side impact crashes where vehicle operating, and individual vehicle speeds exceeded 50kph.

In these crashes the forces exceed human tolerances and therefore are not survivable.

While the feasibility of raised safety platforms ad been established overseas, in New Zealand this tool had never been applied anywhere on any network.

Initial concerns, loss of control and HCV roll over were allayed by vehicle simulation modelling and 3D visualisations. The project included a robust evaluation and monitoring framework in place and there is good evidence that the desired outcomes are being achieved

The Raised Safety Platform is now being rolled out at other locations across the country under the stewardship of the National Safer Intersection Working Group and are included in the NZTA Standard Safety Intervention Toolkit.



Robyn Denton accepts the award