



Road to Zero - Speed and Infrastructure Programme Design Framework

The Draft Design Framework was agreed for use from Thursday 1st July 2021 for all projects and activities that form part of the Road to Zero Speed and Infrastructure Programme (SIP), with Version 1 of the Design Framework published in November 2021 on the Waka Kotahi website resources page.

There is a clear need for this document and the implementation of this framework to enable Speed and Infrastructure projects to achieve a consistent design approach across the programme, to assist designers in applying Safe System principles to existing corridors and for the programme to achieve the necessary death and serious injury reduction outcomes (and outputs).

The current design guidance in Austroads Guide to Road Design and Waka Kotahi Standards falls short in providing strong Safe System alignment when retrofitting existing corridors at scale and pace. There is a need for further clarification by Waka Kotahi for our designers and project teams that are designing the noted safe system interventions being sought, under Road to Zero.

The Design Framework remains a live document and is currently being updated with additional and refreshed design guidance as it is developed. There are known planned updates to the standards and specification developed/managed by Waka Kotahi that will impact, and likely require future minor revisions, to the Design Framework.

This presentation will update designers on the sections and topics being updated and revised in the Design Framework, especially in relation to the need to accelerate delivery of safe system transformation projects to deliver vision zero targets.

This presentation on the updates to this important document fits into the conference sub-themes namely:

- Safe, resilient, inclusive and sustainable journeys
- Delivering Vision Zero