MIN-3949 Eskdale Bridge

5 September 2022

Provide an update on Eskdale bridge.

Waka Kotahi NZ Transport Agency's response:

Following an inspection, assessments and materials testing, it has been determined that the Eskdale bridge along SH2 requires strengthening for longitudinal shear cracking. The risk is being managed currently through a reduction in the posted speed limit. Waka Kotahi is currently reviewing our funding and repair options.

To avoid further deterioration, a 30km/h has been put in place. On top of that, our bridge consultant is developing a trigger action response plan which proactively outlines actions to take if the conditions of the bridge change. Scaffolding will be installed shortly to allow for regular inspections including the use of gauges for continuous monitoring

The two methods of strengthening that are currently being considered, in conjunction with epoxy crack injection are:

- galvanised steel angles bolted across the joint between the beams and slab, and
- vertical dowels installed through the joint from above deck level.

In the meantime, we can confirm this bridge is safe to travel on and there is no immediate risk of failure.

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