

To Notice to Overweight and HPMV Permit Holders;

Cc PIO's; Jonathan Bhana-Thomson (HHA); Charles Weir (Higgins); Andre Taylor (Waka Kotahi); Kyle Russell (Waka Kotahi); Darren Cox (GDC); Pete Sims (WSP); Brylee Thomson (WSP)

From Yvette Lusby

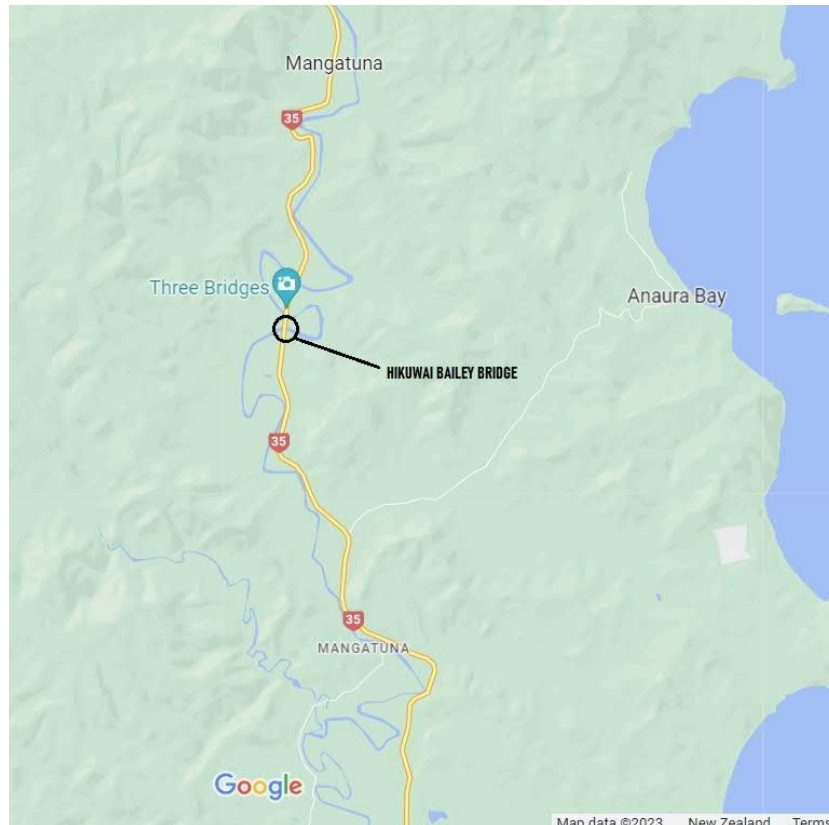
Date 14 June 2023

Subject **ADDENDUM for Overweight and HPMV Permits**

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SH35 HIKUWAI BAILEY BRIDGE

The SH35 Hikuwai Bridge No 1, at RS 250/6.25 (between Tologa Bay and Tokomaru Bay), was destroyed in Cyclone Gabrielle. A single lane bailey bridge has now been constructed at the bridge location. The bridge location is show below.



As the bailey bridge is a temporary structure, the bridge does not have the same capacities as the permanent structure did. This means that the bailey bridge is subject to weight and dimensional restrictions which will impact heavy vehicle use.

The following restrictions will be in place for the duration of its use:

- A 10kph speed restriction is in force for all vehicles.
- A maximum track width of 2.55m to outside of tyres
- A maximum length restriction of 23.69m
- All General Access and 50MAX vehicles are permitted
- Unfortunately, there is no access for any other HPMV vehicles even with existing permits.
- Overweight vehicles MAY be permitted depending on their track width, load width, gross mass and length, however some restrictions to gross mass are likely.
- Overweight vehicles will be required to have at least one pilot vehicle, since the road alignment and narrow bridge width may potentially require lengthy vehicle crossing times. The pilot vehicle will need to provide advanced warning to approaching road users and if necessary slow or stop these vehicles at a suitable location, to allow the overweight vehicle to safely exit the bridge.

Overweight vehicles should apply for permits in the usual way, bearing in mind the restrictions above. Applications will be assessed on a case-by-case basis, however due to the additional vehicle checks required, permits may take longer to process. It is therefore recommended that applications are submitted at least two-weeks before travel to ensure permits can be processed.

Overweights with existing permits cannot cross the bailey bridge on their current permits. Instead, they will need to apply for a single or multiple trip permit to determine if they are able to cross.

It should be noted that Bailey Bridges are inherently flexible structures, and being so lively, they have a noticeable deflection under traffic loading. As a result, bridge deflections may be much more noticeable to traffic. However, this is not a reflection of the bridge safety.

A 10km/hr speed restriction is in place to limit the liveliness of the structure, and regular inspections and maintenance will be carried out to ensure the integrity of the bridge is maintained.

If you have any queries regarding this, please contact Andre Taylor, Kyle Russell or Martin Colditz at Waka Kotahi NZTA. (andre.taylor@nzta.govt.nz kyle.russell@nzta.govt.nz martin.colditz@nzta.govt.nz)