

Memorandum

To: Western Bay of Plenty District Council (WBoPDC) **File No:** 423022-CIV-C001

Attention: Resource Consent Department

From: Johan Becker

Date: 07/06/2023

Subject: Assessment of current surface at the intersection of Te Puna Road and Te Puna Station Road

To whom it may concern,

The following memo clarifies the visual inspection completed on the current pavement chipseal surface at the above mentioned intersection. The inspection was required to assess the impact of Heavy Vehicle movements on the intersection as part of the proposed Industrial Development at 245 Te Puna Station Road.

The inspection was undertaken during the early morning following the morning peak traffic period. Images 1 and 2 below identify the current surface condition.



Image 1 & 2 – Te Puna Station Road Left Turn into Te Puna Road

As can be seen from the images the current pavement surface is free from loose stones (chip). This indicates that the current chipseal surface is performing well under the current traffic conditions, including the current turning movements through the intersection performed by heavy vehicles. As mentioned in the Transportation Assessment undertaken by Harrison Transportation, there is an anticipated increase of 15 heavy vehicles p/day that would undertake a left turn movement at the intersection from Te Puna Station Road into Te Puna Road.

The current traffic counts at the intersection revealed that Average Daily Traffic (ADT) consisted of 3% of heavy vehicles, this proposed industrial development will possibly cause the current percentage of heavy vehicles to increase from 3% to 4%. Based on the increase of heavy vehicles at the intersection being only 1% we expect the impact on the current seal condition to be negligible.

I trust this provides you with the information you require.

Yours faithfully

STRATUM CONSULTANTS LTD

A handwritten signature in black ink, appearing to read 'Becker', with a stylized flourish at the end.

Johan Becker

Senior Civil Engineer