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Our File Ref:

Subject: Douglas Road Traffic Assessment

Douglas Road is Low Volume Local Road.

The public part of Douglas Road is 2.12km in length.

The road width is generally only 4.3m wide, with a small section that has been widened to just over 5m approximately 500m in from the start. This is not uncommon for roads in our district with that traffic volume.

The intersection with Old Te Aroha Road has appropriate sight visibility and was upgraded by Council approximately 15 years ago to improve the safety.



Looking to the north

Looking to the south

The last traffic count on the road was completed on the 6.3.2016. The ADT is 133.

The 4.3m road width is not wide enough for two vehicles to travel past it each other freely.

The Road is reasonably flat and provides good sight lines, however there are some vertical and horizontal curves where site visibility is limited.



Traffic on Douglas Road will need to be monitored and traffic counts completed.

As the traffic volumes are increased along this road, some road improvements will be required.

It is likely this will be staged. The first stage will require some widening at the vertical and horizontal curves to ensure that the traffic allows for two way traffic where the site visibility is limited.

Note: note that each additional dwelling will add an average of 6vpd to the current road traffic numbers. i.e. 100vpd is generated by approximately adding another 15 dwellings.

The second stage will include widening along other parts of the road and potentially the full road to a minimum of 5m with a formed shoulder and look at marking out a road centreline and installing road edge markers.

There is currently no specific programme or funding for the improvements in our current 2021 Long Term Plan or the proposed 2024 Long Term Plan. Projects in the 2024 Long Term Plan are limited to what is a must do only.

It has been discussed with our Council that any roading upgrades required for Papakāinga will be included as projects in our Development Contribution Policy and funded through Development Contributions for the respective wards in our District.

The Long Term Plan and our Development Contributions Policy are reviewed and updated every 3 years and projects within the wards can be interchanged as priorities change.

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