



WGT - Table 79, Noise Report Query

Rupert Watters

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12/09/2017 11:08 AM

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Dear Juliet and Kate,

The purpose of this email is to clarify the situation with Table 79 in Technical Report H (Surface Noise and Vibration).

Table 79 sets out the predicated change in noise levels in parallel traffic routes outside the study corridor for both the 2022 year and 2031. A question has been raised as to why, in a number of cases including Millers Road north of the West Gate Freeway, the increase shown is larger in 2022 than in 2031.

The answer to this question is that the increase shown in Table 79 is not an absolute increase over current (2016) levels, but rather the relative increase in the Project scenario vs the No Project scenario for the relevant year.

To give an example, the 3.4 dB increase for Millers Road in 2022 is an increase over what the noise levels on Millers Road would be if the Project was not constructed. The same is true for Millers Road in 2031. This is stated in the text of 5.3.4.7 but could have been more prominent.

The reason that the increase in the 2031 is smaller in some cases than the increase in 2022 is because, while traffic volumes on these roads are projected to increase in all scenarios, they are not expected to increase linearly (higher growth is expected later). The result is that the difference between the Project and No Project scenarios for these roads – in terms of overall traffic levels – is smaller in 2031 than in 2022, with the result that the relative increase in noise for the relevant road is also smaller.

I hope this address your question about Table 79.

Kind regards,

Rupert Watters

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