

Question on Notice

No. 1502

Asked on 16 November 2023

MR M BOOTHMAN ASKED MINISTER FOR TRANSPORT AND MAIN ROADS AND MINISTER FOR DIGITAL SERVICES (HON M BAILEY)—

QUESTION:

Will the Minister inform residents what sound abatement measures have been undertaken to reduce noise from the Coomera Connector impacting residents on elevated blocks of land around Helensvale?

ANSWER:

I thank the Member for Theodore for the question.

The Queensland Government is delivering its eighth record transport and roads infrastructure program in a row, as detailed in the *Queensland Transport and Roads Investment Program 2023–24 to 2026–27*, which outlines \$32.1 billion in investment over the next four years to support an average of 25,200 direct jobs over the life of the program. Of this, \$5.504 billion is committed across the Department of Transport and Main Roads' (TMR) South Coast Region, estimated to support an average of 4130 direct jobs over the life of the program.

In accordance with the *Transport Noise Management Code of Practice* (the Code), TMR completed initial noise monitoring in 2020 at properties along the Coomera Connector Stage 1 corridor. This monitoring established baseline noise levels and validated the noise model used to assess the road design.

Contractors for all three packages of the Coomera Connector Stage 1 are obtaining further baseline noise levels, with additional monitoring to be conducted once design work has sufficiently progressed.

The predictive models consider various factors including road alignment, ground topography, road gradients, pavement surfaces, traffic volume, vehicle types and road surfaces to pinpoint where noise treatments are necessary. These treatments will be tailored based on the specific needs of each section of the road. Following the construction phase of Stage 1, TMR will conduct thorough post-construction noise monitoring to ensure the effectiveness of the implemented noise reduction measures.

Additionally, during the construction phase, managing and minimising noise disturbances includes a noise and vibration monitoring plan which contractors adhere to. Furthermore, various design and construction refinements have been implemented to reduce night works, including optimising bridge design, equipment selection, and using methods to reduce noise and vibration.