

OFFICIAL

Ref: 02075666

Roderick Best
president@bcct2119.com.au

Dear Roderick,

Thank you for your correspondence to the Minister for Roads about the M2 Motorway. I have been asked to respond to you.

I note your comments and appreciate the reasons which prompted you to write.

The Hills Motorway Limited, operator of the M2, is currently resurfacing approximately a quarter of the motorway. This includes most of the eastbound section between Pennant Hills Road and Beecroft Road. Stone mastic asphalt is being applied, which was recommended based on previous trials, consultation with industry-leading engineers and analysis of the performance of various asphalt products previously used on the M2.

Stone mastic asphalt is known for its long-term durability and better acoustic performance over time, to ensure its suitability for use on one of Sydney's busiest roads. Noise monitoring will be undertaken after application of the asphalt and will be completed in the second half of this calendar year.

The significant growth in Sydney over recent years has led to an overall increase in traffic and traffic noise, however, the M2 is still operating in accordance with the M2 Upgrade Environmental Impact Statement and the conditions outlined in the Project Approval.

A noise assessment for the M2 Motorway upgrade was undertaken in 2010. A noise model was developed as required by the NSW Environment Protection Authority (EPA) to predict present and future noise levels for the M2 Motorway project, both for the opening year and 10 years after opening. The EPA recommends the "Calculation of Road Traffic Noise" procedure (CoRTN) be used for noise modelling. The CoRTN procedure has been specifically validated under Australian conditions to investigate the noise impacts arising from a road upgrade project. Monitoring and traffic counts undertaken for the M2 showed good correlation between measured noise levels and noise predictions.

A post construction noise assessment was also undertaken in 2014 as required by the project's Conditions of Approval. The noise assessment confirmed that the As-Built noise mitigation measures in the form of low noise pavements, noise barriers and architectural treatments were performing as intended and there was no requirement to assess additional noise mitigation for the project.

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Should you have any further questions, the Motorways team is available and can be contacted directly by emailing motorway.partnerships@transport.nsw.gov.au.

Thank you for taking the time to write.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Zuahl', written in a cursive style.

14/05/2024

Eva Lewkowicz
Senior Manager Customer Response