

**Anderson Consulting Group  
Everett Road  
Mentone 3194**

**Project:** Modular light-weight freeway panels

**Client:** Metropolitan Roads Board

**General Information:**

Noise from freeway traffic can have a major detrimental impact on the lives of residents living nearby. Noise barriers are an essential part of the freeway design, and can also add to the visual landscape by their careful attention to aesthetic appeal. Anderson Consulting Group has been contracted to provide scale models for the Outer Ring Road project, and will shortlist examples from those submitted for review.

**Project Specification:**

The modular pre-cast panels are to form an attractive and efficient freeway sound barrier for the Outer Ring Road Project. The scale model panels must include the following factors:

- panels will be modular and interlocking for either vertical or horizontal placement
- panels will have a suitable pattern which 'flows' from each panel in a continuous attractive design
- the flowing design will provide noise absorption
- panels will be constructed in pre-cast lightweight concrete
- panels will be coloured for maximum aesthetic appeal

The proposal will include a scale model of at least four panels and a digital image showing the visual effect on a freeway section.

The 'flowing' design must be done carefully to ensure it flows on the panel in either the vertical or horizontal position.

Consideration must be given to appropriate colours, with preference given for colours that blend in with the environment rather than creating a distraction for drivers.

Completed designs will be presented to a review panel set up by Anderson Consulting. The review panel will include client representatives. Designs selected by the review panel will be scheduled for full scale production, and any intellectual property rights will remain with the designer unless other negotiations take place.

Designers are encouraged to contact their site supervisor to discuss design concepts and clarify any questions as they develop their ideas.