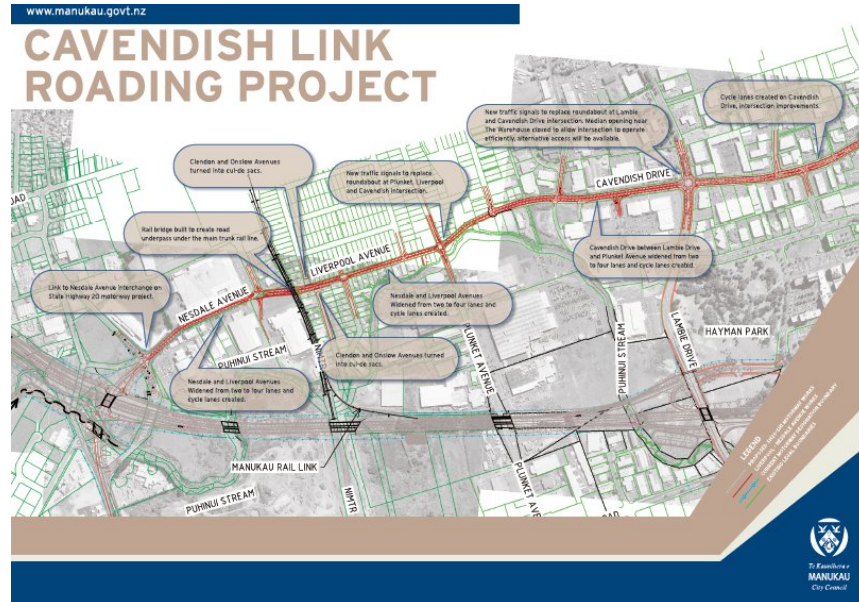


# DZ 6806 Acoustics: Road Traffic Noise – New and Altered Roads



**Road Controlling Authorities Forum  
Friday 17<sup>th</sup> Apr 2009**

Rob Hannaby  
Senior Environmental Management Adviser  
NZ Transport Agency

# Introduction

Draft: DZ6806/V1.14

Public comment draft.

**Acoustics – Road  
traffic noise – New  
and altered roads**

Draft	SPEX #	Date

Committee: P6806

DO NOT USE THIS DRAFT AS A STANDARD -  
IT MAY BE ALTERED BEFORE FINAL PUBLICATION

Standards New Zealand

Private Bag, Wellington. Fax: 04 496 5994

**DRAFT**

New Zealand Standard

# Outcome statement

This Standard will assist road controlling and consent authorities to manage the effects of road traffic noise from new and altered roads through the provision of consistent procedures and requirements for measurement, prediction, assessment and mitigation of such noise.

This will help to achieve more expeditious and consistent decision-making nationally.

# Why now?

- Part of package of work approved by Government in 2006.
- Currently no nationally agreed Standard – closest document ‘Transit Noise Guidelines’.

## Appendix 6: Transit New Zealand's Guidelines for the Management of Road Traffic Noise

### - State Highway Improvements

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5. MEASUREMENT & PREDICTION METHODS
6. NOISE REDUCTION OPTIONS
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- A. EFFECTS OF ROAD TRAFFIC NOISE ON PEOPLE
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# Noise criteria

- Two sets of criteria
  - i. Altered roads and new roads > 75,000 AADT
  - ii. New roads < 75,000 AADT
- Fundamental principle based on concept of 'best practicable option'
  - Aim first to achieve primary noise criteria (Category A), then secondary noise criteria (Category B) and finally internal noise criteria (Category C)

A

B

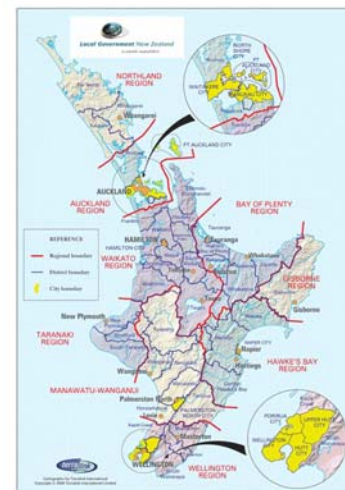
C



# Development committee



- Local Authorities, Road Controlling Authorities and sub-division developers
- Land use and transport planners, road designers, traffic engineers, urban designers, environmental managers and noise professionals



# Timeline



**Jul 06 – May 07**

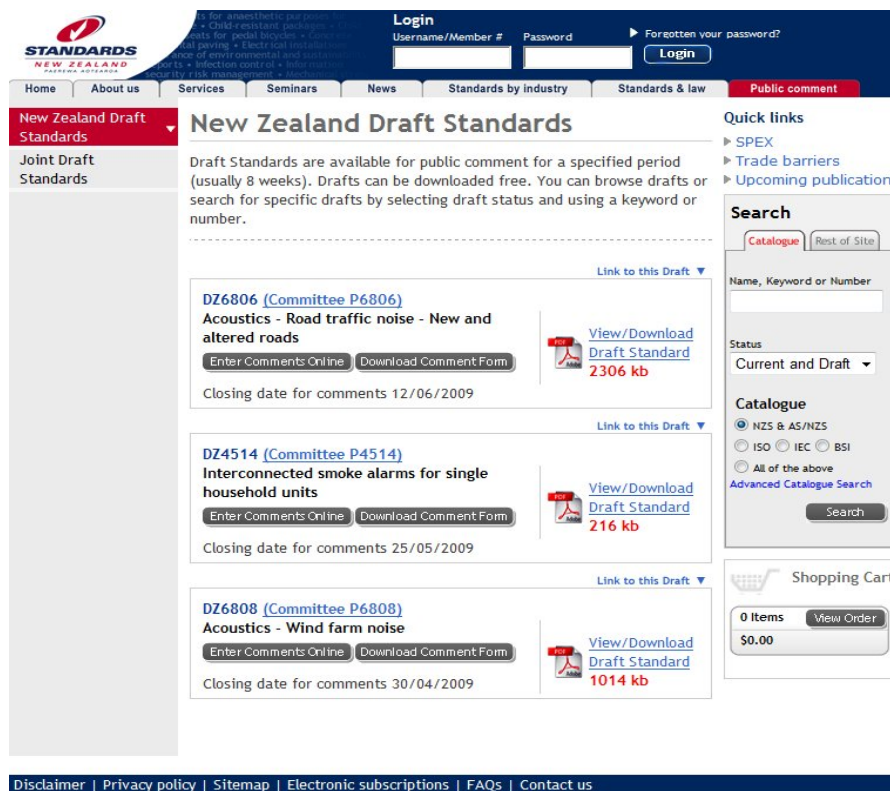
**Jun 07 – Apr 09**

**Apr 09 – Jun 09**

**Late 09**



# Public comment



The screenshot shows the 'Public comment' section of the Standards NZ website. At the top, there is a navigation menu with 'Public comment' highlighted. Below the navigation, the page title is 'New Zealand Draft Standards'. A brief description states: 'Draft Standards are available for public comment for a specified period (usually 8 weeks). Drafts can be downloaded free. You can browse drafts or search for specific drafts by selecting draft status and using a keyword or number.'

Three draft standards are listed:

- DZ6806 (Committee P6806)**: Acoustics - Road traffic noise - New and altered roads. Closing date for comments: 12/06/2009. File size: 2306 kb.
- DZ4514 (Committee P4514)**: Interconnected smoke alarms for single household units. Closing date for comments: 25/05/2009. File size: 216 kb.
- DZ6808 (Committee P6808)**: Acoustics - Wind farm noise. Closing date for comments: 30/04/2009. File size: 1014 kb.

Each draft includes a 'View/Download Draft Standard' link and buttons for 'Enter Comments Online' and 'Download Comment Form'. A search bar and a shopping cart are also visible on the right side of the page.

Standards NZ website  
<http://www.standards.co.nz>  
under *Public comment* tab

# Workshops

Tuesday	28 <sup>th</sup> April 09	Dunedin
Wednesday	29 <sup>th</sup> April 09	Wellington
Tuesday	5 <sup>th</sup> May 09	Hamilton
Thursday	7 <sup>th</sup> May 09	Auckland
Tuesday	12 <sup>th</sup> May 09	Christchurch

For further information or to register please contact

[kiri.cook@standards.co.nz](mailto:kiri.cook@standards.co.nz)