SECTION 766 - PLASTIC NOISE WALLS ‑

## This section cross-references Section 765, which must be included in the specification.

Section 766 sets out the requirements for the design, manufacture and installation of noise walls using plastic panels, including those manufactured from recycled plastic.

Section 766 requires the work to be carried out in accordance with Austroads Technical Specification ATS 4450 Plastic Noise Walls (Edition 1.0, dated May 2023), except for amendments as described in Section 766.

Amendments are denoted as follows:

- ‘replace’ means a requirement that is mandatory which replaces the ATS requirement.

- ‘add’ means a requirement that is mandatory which applies in addition to the ATS requirement, which is also mandatory.

- ‘remove’ means an ATS requirement that does not apply.

The numerical clause numbering in Section 766 aligns with that used in ATS 4450.

Any reference made to ‘Principal’ in the ATS must be taken to mean ‘Superintendent’.

Austroads Technical Specifications (ATS) are available at <https://austroads.com.au/publications>.

1 Scope

1. Replace Clause 1.3 with the following:

For panels attached to bridges over a rail, road, or pedestrian/shared user path, the design of the noise wall and supporting structure must prevent panels or fragments of panels from falling on to road/rail traffic or pedestrians/cyclists as a result of vehicle impact and must comply with Bridge Technical Note (BTN) 007.

1. Additional Clause 1.4:

1.4 The design and construction of noise walls must comply with the additional requirements specified in Section 765 and BTN 007.

2 Referenced Documents

1. Add the following reference:

Department of Transport and Planning

BTN 007 Noise Attenuation Walls

5 Design

1. Replace Clause 5.5 with the following:

Refer to BTN 007 for design requirements for all components of the noise walls.

1. Replace Clause 5.9 with the following:

Refer to BTN 007 for Design Life requirements for all components of the noise walls.

1. Replace Clause 5.10 with the following:

Refer to BTN 007 for design load requirements for the noise walls.