The purpose of the drawing is to provide standard details only and fitness for purpose shall conform to AS 5100. The project specific details shall be determined and controlled by the designer drawing. Because every abutment protection is to be designed locally, the drawing shall be used only as a reference to the project specific drawing.

In accordance with Relevant Health and Safety requirements, abutment backstays must be easily accessible to allow them to be inspected and maintained. When the clearance is greater than 1700 mm, they can be driven by entry inside the base of the protection. If the clearance is greater than 1700, a platform shall be provided 1700 from the underside of the bridge (refer to Standard Drawing 2233).

The purpose of this Standard Drawing is to provide typical standard details. The fitness for purpose of these details for a specific project shall be designed and certified by an RPE. The details specific to the project location shall be shown on the project specific drawings.

NOTES:
1. Acronyms and Definitions for Bridges and Other Structures for the abutment protection type selection criteria.
2. Construction of abutment protection shall be in accordance with AS 5100.
3. Reinforcing steel shall be in accordance with Standard Drawing 1044, and shall be in accordance with AS/NZS 4671, and AS/NZS 4672 certified.
4. Guardrails are in accordance with AS/NZS 4671, and AS/NZS 4672 certified.

ASSOCIATED DEPARTMENTAL DOCUMENTS:
- Bridge Design Manual - Design Criteria for Bridges and Other Structures

REFERENCE DOCUMENTS:
- Departmental Standard Drawings and Specifications
- R2334 - Concreting, Reinforcing Steel - Lap Lengths
- 2233 - Abutment Protection - Type 2 - Reinforced Concrete Over Spillthrough - Greater than 1700 Clearance
- MT572 - Drainage, Retaining Structures and Protective Treatments
- MT570 - Reinforcing Steel

Legislation, Main Roads and Safety Act 2001, Main Roads and Safety Regulations 2011