

PART D35
DESIGN STRUCTURAL

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1. GENERAL

- .1 This Part specifies the requirements for the design of the following structures:
 - (a) bridges and associated structures which support loading from road traffic, light railways, heavy railways, pedestrians and / or bicycles;
 - (b) reinforced soil structures;
 - (c) underpasses (traffic and pedestrian);
 - (d) culverts with a clear span greater than or equal to 1.5 m;
 - (e) major drainage structures and structures for Utility Services;
 - (f) retaining walls and associated structures;
 - (g) noise barriers; and
 - (h) non-standard sign support structures, such as cantilever signs and gantries.
- .2 This part does not cover the design of building structures and tunnels.
- .3 Where more than one Designer prepares the design, the Contractor must ensure that there is consistency in design assumptions, design methodology, design modelling and details.
- .4 Unless specified otherwise, all design and / or documentation must comply with the requirements of:
 - (a) DPTI Design Standard: "Reinforced Soil Structures" for reinforced soil structures;
 - (b) DPTI Design Standard: "Retaining Walls" for retaining walls; and
 - (c) DPTI Design Standard: "Structural" for all other structures.
- .5 DPTI Design Standards are available http://www.dpti.sa.gov.au/standards/major_structures_documents.

2. RECORDS

- .1 The Contractor must provide the records specified in the DPTI Design Standard(s) to the Principal.

3. HOLD POINTS

- .1 There are no Hold Points referenced in this Part.
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