

15.1 Scope 2

15.3 General requirements 2

 15.3.2 Limit states 2

 15.3.11 Seismic upgrading 2

15.5 Rehabilitation loads and load factors 2

 15.5.1 Loads 2

 15.5.1.3 Rehabilitation design live loads 2

 15.5.1.3.2 Normal traffic 2

15.1 Scope

Add the following:

The scope of the investigation and rehabilitation of existing structures shall be defined or Consented to by the Ministry.

15.3 General requirements

15.3.2 Limit states

Add the following:

Members evaluated in accordance with Section 14 that have adequate live load capacity do not need to be rehabilitated.

15.3.11 Seismic upgrading

Delete and replace with the following:

Seismic upgrading of the bridge shall be carried out in accordance with the Ministry's Supplement to CHBDC-S6:19 Section 4.

15.5 Rehabilitation loads and load factors

15.5.1 Loads

15.5.1.3 Rehabilitation design live loads

15.5.1.3.2 Normal traffic

Delete the four paragraphs and replace with:

CL1-625 shall be used for the rehabilitation design of bridges that are to carry unrestricted normal traffic after rehabilitation. Design loading in excess of CL1-625 shall be Consented to by Ministry.

For restricted normal traffic, the Ministry will define the suitable fraction of the CL1-625 live load or alternative live load model to be used, which may use Table 15.1.

Bridges rehabilitated for live loads less than CL1-625 shall be posted for the actual restricted loads in accordance with Section 14.

Commentary: *It may be unrealistic to achieve CL-800 loading for rehabilitation of existing bridges and should only be considered in consultation with the Ministry.*