

3.3M Vertical Alignment

3.3.5M Vertical Alignment: Design Domain Additional Application Heuristics

3.3.5.2M Drainage: Application Heuristics

The TAC Subsection **3.3.5.2** is applicable to the Department's highways with the following addition:

10. As per MTI's Structures Design Manual, the minimum longitudinal grade on a structure is 0.35% wherever possible to aid drainage. Preferably, the gradient will be in one direction across the structure with grade changes at a minimum of 10 m past each end of the structure. A high point near the centre of the structure with a minimum of a 0.35% gradient in each direction will be considered for longer structures. For more information, refer to MTI's Structures Design Manual.

The Bridges and Highway Structures Branch should be consulted on a project by project basis.