

4.10M Bridges

4.10.1M Technical Foundation

4.10.1.2M Roads on Bridges: Design Domain and Application Heuristics

The TAC Subsection **4.10.1.2** is applicable to the Department's highways with the following substitution:

4. Full shoulder widths, excluding any shoulder edge treatments, are to be maintained throughout the entire length of the structure. However, the absolute minimum clear roadway width (CRW) between vertical obstructions is 9.6 m. Reduced Clear Roadway Widths may be considered due to the costs associated with providing the desirable dimensions for structure rehabilitations or on long (60 m or longer) structures where construction costs are high. In either case, the safety implications of such a design compromise must be examined using a quantitative cost-benefit analysis technique documented by the bridge designer and presented to the Director of Highway Design for approval.