

Introduction to Manitoba Transportation and Infrastructure Geometric Design Guide Supplements

The Manitoba Geometric Design Guide Supplements serve as an extension to and take precedence over the 2017 Transportation Association of Canada (TAC) Geometric Design Guide for the design of roads under Manitoba Transportation and Infrastructure's (MTI) jurisdiction. Developed by MTI, these supplements are tailored to meet the unique needs of Manitoba's transportation network, providing designers with guidance for road design projects within the province.

The supplements ensure that road design in Manitoba is carried out consistently, while considering the province's unique environmental, geographic, and operational conditions. By offering additions, elaborations, and substitutions to the TAC Geometric Design Guide, they ensure that local factors are fully integrated into the planning and execution of transportation infrastructure projects.

Each Supplement is organized according to its corresponding section in the 2017 TAC Geometric Design Guide. Central to the supplements is **Design Guide Supplement Table 2.6.4M**, which outlines the basic design standards specific to Manitoba highways. **Table 2.6.4M** is the starting point for all geometric design efforts and must be consulted at the onset of any project to ensure compliance with provincial standards.

It is essential for designers to review the supplements in conjunction with the 2017 TAC Geometric Design Guide and other relevant regulations and standards. This approach will ensure that all projects in Manitoba are designed to a consistent standard, providing a safe and reliable transportation network for the traveling public.