

Index of Department Geometric Design Guide Supplements

Design Guide Supplement	Section No.	Issue Date	Revision No.
Basic Design Standards for Manitoba Transportation & Infrastructure	Table 2.6.4M	March 14, 2025	0
Design Domain: Design Speed Selection	2.3.6M	March 14, 2025	0
Criteria Used in Calculating Sight Distance: Object Height	2.5.2.1M	March 14, 2025	0
Design Classification System	2.6.2M	March 14, 2025	0
Characteristics of Classifications	2.6.4M	March 14, 2025	0
Maximum Superelevation: Design Domain	3.2.2.4M	March 14, 2025	0
Spiral Curves: Introduction	3.2.3.1M	March 14, 2025	0
Spiral Parameter: Design Domain Application Heuristics	3.2.3.5M	March 14, 2025	0
Superelevation Development: Rural and High-Speed Urban Roads: Design Domain	3.2.4.3M	March 14, 2025	0
Superelevation Development: Design Domain General Application Heuristics	3.2.4.5M	March 14, 2025	0
Lane Widening on Curves: Design Domain	3.2.5.3M	March 14, 2025	0
Horizontal Alignment: Design Domain Additional Application Heuristics: General Application	3.2.6.1M	March 14, 2025	0
Horizontal Alignment and Lateral Clearances: Application Heuristics	3.2.6.4M	March 14, 2025	0
Horizontal Alignment: Explicit Evaluation of Safety	3.2.7M	March 14, 2025	0
Maximum Grade: Design Domain Application Heuristics	3.3.2.4M	March 14, 2025	0
Crest Vertical Curves: Technical Foundation Element	3.3.3.2M	March 14, 2025	0
Crest Vertical Curves: Design Domain Quantitative Aid	3.3.3.3M	March 14, 2025	0
Vertical Alignment Principles: Application Heuristics	3.3.5.1M	March 14, 2025	0
Drainage: Application Heuristics	3.3.5.2M	March 14, 2025	0
Snow: Application Heuristics	3.3.5.3M	March 14, 2025	0
Vertical Clearances: Application Heuristics	3.3.5.5M	March 14, 2025	0
Vertical Alignment: Explicit Evaluation of Safety	3.3.6M	March 14, 2025	0
Independent Roadway Design	3.4.5M	March 14, 2025	0
Cross-Slopes and Drainage: Design Domain: Quantitative Aid	3.5.3.1M	March 14, 2025	0
Cross-Slope Arrangements: Application Heuristics	3.5.4M	March 14, 2025	0
Truck Climbing Lanes: Warrants for Two-Lane Roads	3.8.3.2M	March 14, 2025	0
Truck Climbing Lanes: Application Heuristics	3.8.4M	March 14, 2025	0
Collision Frequency on Truck Climbing Lanes and Passing Lanes	3.8.5.1M	March 14, 2025	0
Through Lane Widths: Design Domain: Quantitative Aids	4.2.1.3M	March 14, 2025	0
Lane Widths: Explicit Evaluation of Safety	4.2.2M	March 14, 2025	0
Special Purpose Lanes	4.3M	March 14, 2025	0
Shoulder Width: Design Domain: Quantitative Aids	4.4.2.1M	March 14, 2025	0
Shoulder Material	4.4.3.2M	March 14, 2025	0
Shoulder Rounding: Best Practices	4.4.5M	March 14, 2025	0
Shoulders: Explicit Evaluation of Safety	4.4.6M	March 14, 2025	0
Outer Separations and Frontage Road Separations: Application Heuristics	4.5.4M	March 14, 2025	0
Curbs: Best Practices	4.7.2M	March 14, 2025	0
Roads on Bridges: Design Domain and Application Heuristics	4.10.1.2M	March 14, 2025	0
Explicit Evaluation of Safety: Bridge Widths	4.10.1.5M	March 14, 2025	0
Explicit Evaluation of Safety: Utility Poles	4.11.3M	March 14, 2025	0
Typical Cross Sections	4.13M	March 14, 2025	0
Roadside Design	7.0M	March 14, 2025	0
Clear Zone Application Heuristics: Parallel Slopes	7.4.1.1M	March 14, 2025	0
Location and Spacing of Intersections: Service Roads	9.4.2.6M	March 14, 2025	0

Right-Turn Lanes with Auxiliary Lanes	9.14.4M	March 14, 2025	0
Single Left-Turn Lane: Divided Roadway	9.17.4.8M	March 14, 2025	0
Slot Left-Turn Lanes: Design Elements	9.17.6.3M	March 14, 2025	0
Ramp Design: Design Speed	10.6.2.1M	March 14, 2025	0
Exit Terminal Length	10.6.3.2M	March 14, 2025	0
Entrance Terminal Length	10.6.4.2M	March 14, 2025	0