

2020 Traffic Management Manual for Work on Roadways (TMM)

Overview of Changes from 2015 Interim TMM

Section	Description of Change
All	Clarification on whether “speed limit” was referring to regular posted speed limit or construction speed limit
All	Additional emphasis that in low speed urban areas, customization of traffic control layouts, including closer device spacing and shorter taper lengths may be necessary to maintain access and mobility. In these cases, documentation should be made.
Section 1.2 Road Authority and Prime Contractor Responsibilities	<ul style="list-style-type: none"> Clarification on designating the role of a Prime Contractor Strengthened wording regarding the qualifications, role and responsibilities of a Traffic Engineer
Section 2.1 Principles of Traffic Management	Added Ministry Traffic Management Plan acceptance process flow chart for major works (Figure 2.3 and 2.4) to provide additional guidance
Section 2.2 Principles of Traffic Control	Clarification of clear zone requirements for work zones in Section 2.2.7 Roadside Safety
Section 2.2 Principles of Traffic Control Section 7.17 Work Near a Rail System Grade Crossing	Additional guidance on working near railways including a new layout
Section 2.4 Management of Speed	<ul style="list-style-type: none"> Clarification on the difference between construction speed zone and temporary speed zone including when each should be used Clarification on use of CONSTRUCTION SPEED LIMIT AHEAD C-128 as an option for transition speed zones New Figure 2.8 showing use of the C-128 sign
Section 3.2 Traffic Management Sub-Plans	<ul style="list-style-type: none"> For Category 1 TMPs, allowed using typical drawings contained in the Manual, provided they show site specific consideration Clarification on “incident” for Incident Management Plans
Section 3.3 Project Category Determination	<ul style="list-style-type: none"> Clarification of certain elements for Project Category Assessment tables Amended some point values to be more in line with projects and risk
Section 3.4 Traffic Management Plan Requirements by Category	<ul style="list-style-type: none"> Removed need to identify Traffic Control Supervisor and Traffic Control Person by name on TMP as often they are not known until the day of. Their names must be recorded on the Daily Traffic Control Log.
Section 3.6 Potential for Traffic Incident Litigation	<ul style="list-style-type: none"> Added section, taken from the 1999 Traffic Control Manual
Section 4.2 Traffic Signs	Added barrier-mounted sign supports (saddle brackets) as an acceptable type of sign support

Section	Description of Change
Section 4.5 Channelizing Devices	<ul style="list-style-type: none"> Additional guidance on Section 4.5.6 Vertical Panels Introduction of new device – Section 4.5.7 Direction Indicator Barricade/Panel
Section 4.6 Flashing Arrow Boards	<ul style="list-style-type: none"> Clarification that “arrow sticks with arrowheads” are considered Type D Arrow Boards In Table 4.7, additional clarification on use of different types of FABs including new column “Application”
Section 4.8 Portable Traffic Signals	<ul style="list-style-type: none"> Renamed the 2 categories of portable traffic signals to Class 1 and Class 2 Additional guidance on ensuring battery levels are adequate Changed Signal Timing Plan template. Used the term “Passage” to be more in line with our current signal timing sheets. Added advance warning sign distances from the Electrical and Traffic Engineering Manual for easy reference
Section 6.6 Positioning of Temporary Traffic Control Devices	<ul style="list-style-type: none"> Guidance and examples of best practices and which speed limit to use Changed columns of Tables A and B from “Regulatory Speed Limit before Work Begins” to “Regular Posted Speed Limit” for further clarification. Introduction of “R” Roll-Ahead Buffer Distance in Table B
Section 6.11 Using Sections 7 to 19	Clarification on use of shall, should and may
Section 7 Traffic Control Layouts – Two-Lane, Two-Way Roadways	<p>New layouts for single lane alternating traffic to provide additional guidance including:</p> <ul style="list-style-type: none"> Section 7.8.1 Lane Closure with TCPs – Single Lane Alternating with Speed Reduction (Construction Speed Limit ≤ 50 km/h) Section 7.8.2 Lane Closure with TCPs – Single Lane Alternating with Speed Reduction (Construction Speed Limit ≥ 60 km/h)
Section 8 Traffic Control Layouts – Multilane Undivided Roadways Section 9 Traffic Control Layouts – Multilane Divided Roadways	<p>Increased advanced warning for runaway lane closures including changes to the following:</p> <ul style="list-style-type: none"> Section 8.13 Runaway Lane Closed – Short and Long Duration Section 9.17 Runaway Lane Closed – Short and Long Duration
Section 9 Traffic Control Layouts – Multilane Divided Roadways	<ul style="list-style-type: none"> Revision of Section 9.10.1 Double Right Lane Closure layout to include use of RIGHT TWO LANES CLOSED AHEAD sign New layout for more guidance – Section 9.10.2 Double Left Lane Closure New layouts on use of zipper merge signing including: <ul style="list-style-type: none"> Section 9.18 Lane Closure with Zipper Merge Signing (Queues < 800 m) Section 9.19 Lane Closure with Zipper Merge Signing (Queues ≥ 800 m)
Section 19 Traffic Control Layouts – Other Scenarios	<ul style="list-style-type: none"> 3 additional layouts to provide more guidance for road closures and detours: <ul style="list-style-type: none"> Section 19.2 Roadway Closure – No Through Road Section 19.3 Roadway Closure with Detour (≤ 60 km/h) Section 19.4 Roadway Closure with Detour (≥ 70 km/h) New layout and guidance – Section 19.5 Emergency Response

Section	Description of Change
Appendix A Glossary	Added new definitions for additional guidance
Appendix B Standard Construction Signs	Developed new signs, updated section to match catalogue
Appendix C Templates for Traffic Management Plans	New Sample Daily Traffic Control Log
Appendix G Pilot Car Load Movement Guidelines	Updated website links

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Revision #1

Section	Description of Change
Section 1.2 Road Authority and Prime Contractor Responsibilities	Clarification on the role of Prime Contractor for utility works
Section 3.4 Traffic Management Plan Requirements by Category	Clean up of requirements for each category to ensure consistency
Section 3.6 Potential for Traffic Incident Litigation	Additional guidance on primary information to be recorded for documentation
Section 4.1.4 New and/or Customization of Temporary Traffic Control Devices	New section
Section 4.7 Automated Flagger Assistance Devices (AFADS)	Updated equipment requirements according to Technical Circular 01/20
Section 4.8 Temporary and Portable Traffic Signals	Additional guidance on the use of temporary and portable traffic signals
Section 6.11.2 Application of Sections 7 to 19	<ul style="list-style-type: none"> Clarification on standard, guidance and options Additional information on documentation required for decisions made contrary to guidance
Sections 9.18 and 9.19 Zipper Merge	Revised figures with new standard signs
Section 10.2 Continuously Slow-Moving Work – Two-Lane, Two-Way Roadway	Clarification on shadow vehicle requirement for low volume roadways
Section 19.3 Roadway Closure – Two-Lane, Two-Way Roadway Section 19.4 Roadway Closure – Multilane Roadway Section 19.5 Roadway Closure – Intersection	New sections for additional guidance on road closures
Section 19.8 Emergency Response	Revised figure to provide additional guidance
Appendix A Glossary	Added new definitions for additional guidance
Appendix B Standard Construction Signs	Added new signs
Sample Traffic Management Plans	New