Book 7 Review – Comparison between March 2001 vs. January 2014 Edition

There are too many page numbers, sections and notes items to list individually. Where applicable a General **(G)** note is included. Where possible a clearly defined Section of the Manual is listed to assist in accessing the information quickly. Changes are noted by location in the section/graphic / specification where possible and will have the following definitions & details …

New / Expanded / Additional Signs-Devices / Spacing / Moved / Removed / Notes / New Label

Section 1	Provides an overview of OTM Book 7 – Guidance on how to use the book
Section 2	Fundamental Principles of Traffic Control + Definitions to interpret Typical Layouts
Section 3	General description of devices & applications + applications to introduce new technology
Section 4	Guidelines for set-up, deployment & removal of devices
Section 5	Specifications for flow control & protection traffic control devices
Section 6	Specifications for channelizing, guidance & information traffic control devices
Section 7	Guidelines for Quality Evaluation of Devices
Section 8	Placement of devices + Tables + Typical Layout Diagrams
App. 1.1	**New** - Temporary Traffic Control for Unplanned Events
App. 2	**Expanded** - Glossary has added new definitions and clarified others previously listed
App. 3	Reference materials used
(G)	Notes have moved from the graphic to the page bottom in most Typical Layouts
(G)	There seems to be an added roadway definition for Non-Freeway (divided/undivided)
(G)	Typical layouts have a check box header as well as specific titles
(G)	The measurements remain metres(m) for layouts but change to millimetres (mm) on signs
(G)	Signs no longer have the size related numbering system (i.e. TC-1 / TC101)
(G)	Some TL's / Sections / Tables have been renamed / relocated / removed
(G)	Signs by type and devices are listed in separate sections (TCD's not all together)
WZ Design	
2.5.1	**New** - Mobile Ops. – work outside the vehicle changes application to **V**ery **S**hort **D**uration
2.5.2	**New** - VSD lists some specific types of operations
2.6.1	**Expanded** - Guidelines for Speed Reduction c/w Chart
2.6.2	**Expanded** – Pedestrian guidelines include Accessibility for Ontarians with Disabilities Act
2.6.3	**Expanded** – Cyclist Safety considerations
TC Devices	
3.1	**Expanded** – List of TC Devices that may be used
3.2.1	**New** – Flagging not allowed within 30 m of a signalized intersection – use Paid Duty only
3.2.2.1 & 2	**New -** AFAD – Automated Flagger Assistance Devices **Expanded -** PLCS – Portable Lane Control Signals
3.3.1	**New -** CT's not required on Freeway where work is > 3m from traffic
3.3.1	**New -** CT's not required but recommended for VSD work on Freeway shoulders
3.3.1	**New -** LBA listed as requirement on NF roads with posted speeds of 70 or greater
TC Flow	
4.1	**Expanded** – Preparation for work + New Item - sample sheet for site investigations
4.2	**Expanded** – Principles for Set-up & Removal Procedures
4.2.1.	**Expanded** - Freeway methods are listed in greater detail

4.3	**Expanded** – Inspection & Documentation requirements
Protection	
5.2.2	**Conflict** with 3.2.1 – offers alternative of turning off the signal
5.2.2	**Expanded** – TCP Position & Location
5.3	**Expanded** -
5.4	**New –** Use of Paid Duty Officers
5.4	**Conflict** with 5.2.2 – states that TCP - not be positioned or operate within 30m of signal
5.5.2	**Expanded** – TMA specifications and application requirements
5.6	**New –** Design & application for Temporary Concrete Barriers (TCB)
Sign Specs.	**Note** – January 1 2016-upgrade to Type VII TC-3,16,
Table 6	**New** – Minimum dimensions of signs + reflectivity standards
TC-22	**New -** May be enhanced by 1 or 2 red lights in the stop face
TC-90	**New**- Speed Fines signage & applications
Rb-91	**New** – applications (1 direction only)
Wb-1	**New** – added to TL-19 when speed is 70 km or greater
Quality	
7.1	**Expanded** – Evaluation criteria
7.3	**New** – Monitoring of Contractor Compliance
Placement	
8.1	**Expanded** – General notes and guidelines
Tables	A,B ,C & D remain the same with additional notes
Table E	**New Label** - E1 change to Table E with Sign usage matched to Component Areas
Table F	**New Label** - E2 changed to Table F – Devices usage matched to road type
Table G	**New Label** – F changed to Table G – Decision Matrix for Typical Layouts
Typ. Layout	**Expanded** – General notes & definitions + changes to symbols & legend
TL's 1-9	**Notes -** all have minor changes to notes
TL-10	**New Label** – Partial lane shift – wide platform
TL-11	**Notes** – re CT requirement
TL-13	**New Label** – TL-14
TL-15	**Removed** – no longer recommended
TL-18	**New –** Mobile Ops. Only does not include VSD
TL-19	**Additional Signs-Devices/ Notes (Wb-1a)**
TL-20A	**Notes – changes -** VSD / SD only
TL-20B	**New Label / Additional Signs-Devices/ Notes** - TCP LD
TL-20C	**New Label /Additional Signs-Devices/ Notes** – Use with AFAD
TL-21	**New Label / Additional Signs-Devices/ Notes** –Use with PLCS
TL-22	**Changes in graphic options**
TL-23	**New Label** – combines both 23 & 24 (removed)
TL-25	**Change in graphic options**
TL-26	**New Label / Additional Signs-Devices/ Notes** - was TL-27 LLC
TL-27	**New Label/ Notes** – Changed to Freeway Mobile Operations
TL-28	**New Label / Notes –** Changed to VSD only
TL-29	**Additional Signs-Devices / Spacing**
TL-30	**Notes**
TL-31	**Notes**
TL-32	**Notes**
TL-33	**Notes**
TL-34A & B	**Removed**
TL-36-38	**Notes**

TL-39	**Removed**
TL-40	**Notes**
TL-41	**Additional Signs-Devices** – CT added for Freeways
TL-42A	**New Label /Additional Signs-Devices –** Now 42 (i) + Roundabout signs (not in TC's)
TL-42B	**New Label/Notes –** Now 42(ii)
TL-43	**Additional Signs-Devices / Spacing** – Exit sign(s) new codes / reduced spacing
TL-44	**Additional Signs-Devices / Spacing** – add TC-3,4 ,12 & reduced spacing
TL-45	**Additional Signs-Devices / Spacing** – add TC-64 + TC-12 on Freeways
TL-46	**Additional Signs-Devices / Spacing** – signing all directions
TL-47	**Additional Signs-Devices / Spacing** – closure required in 2 directions vs Yield in 1
TL-48	**Additional Signs-Devices / Spacing**
TL-49	**Additional Signs-Devices / Spacing**
TL-50	**Additional Signs-Devices / Spacing** - add signing + 2 TCP (notes conflict w/5.2.2)
TL-51,52	**Notes**
TL-53	**Additional Signs-Devices / Spacing_** bi-directional signing
TL-54	**Additional Signs-Devices / Spacing**
TL-55 - 58	**Additional Signs-Devices / Spacing /Notes**
TL-59	**Additional Signs-Devices / Spacing**
TL-60A & B	**Additional Signs-Devices / Spacing /Notes**
TL-61 - 63	**Additional Signs-Devices / Spacing /Notes**
TL-64	**Notes**
TL-65	**Additional Signs-Devices / Spacing /Notes** – + Pedestrian Barricade + TC-12
TL-66	**Notes**
TL-67	**Additional Signs-Devices** – Zone Painting signs
TL-68	**Additional Signs-Devices** – Zone Painting signs
TL-69	**Notes**
TL-70	**Additional Signs-Devices** – + RB-91Yield to Oncoming
TL-71	**Additional Signs-Devices / Spacing /Notes**
TL-72	**Additional Signs-Devices / Spacing /Notes**
TL-73A	**Removed**
TL-73B	**Modified with Notes**
TL-74	**Removed**
TL-75	**Notes**
TL-76	**Notes**
TL-77A,B,C,	**Moved / New Label - Section 4 Figure 3**
TL-78ABCD	**Moved / New Label - Section 4 Figure 4**
TL-79ABCDE	**Moved / New Label - Section 4 Figure 5**
TL-80ABC	**Moved / New Label - Section 4 Figure 6**
TL-81ABCD	**Moved / New Label - Section 4 Figure 7**
TL-82ABCD	**Moved / New Label - Section 4 Figure 8**
TL-85 - 93	**New Typical Layouts re: Traffic Control in a Roundabout**
A-1	**New – Traffic Control for Unplanned Events – 20 pages including Typicals**
A-2	**New Label /Expanded –** New definitions as well as some clarification of existing
A-3	**New Label / Expanded** -