

Technical Circular # T-15/00  
File: 195-20/TECH  
September 5<sup>th</sup>, 2000

**To:** Regional Directors  
District Highways Managers  
Major Project Directors  
HQ Directors

**SUBJECT:**

**Manual of Standard Traffic Signs & Pavement Markings: 2000 Edition**

**PURPOSE**

This circular establishes the “*Manual of Standard Traffic Signs & Pavement Markings*”, September 2000 Edition, as the official policy on standard traffic signs and pavement marking for provincial highways in British Columbia. This manual replaces the 1998 Interim Edition

**POLICY:**

Warrants and policies described in this manual are effective October 1, 2000.

**NEW MANUAL:**

Available from MoTH Publication Orders, Victoria (387-5512) or may copied from the “P” drive (eng/traffic/manuals/MoST&PM) in pdf formats

See following pages for summary of revision to this edition of the manual and list of circulars cancelled by this document.

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Merv Clark  
Chief Engineer

## SUMMARY OF REVISIONS FROM THE MAY 1998 INTERIM EDITION:

<u>SECTION</u>	<u>REVISION</u>
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### **Preface:**

“How to Use” ..... Remove page number references  
Table of contents ..... Revised as required

### **Chapter 1: General Provisions:**

1.6.1.1..... New Section Metric Policy  
1.6.3.1..... New “Units of Measure”  
1.6.3.2..... New: Language Policy  
1.6.4..... New criteria for sign illumination  
1.7.7..... New: Seasonal Removal

### **Chapter 2: Regulatory Signs:**

Misc. Erratum..... Corrected as required  
R-4..... Added reference to ITE Speed Zone  
Guidelines  
..... Added transition zone criteria  
R-7 ..... Clarified use in HOV lanes  
Chain up Signs ..... Eliminated “poor” and “severe” condition reference  
standardised signs (font size & sign dimension)  
Cancelled R-X  
Cancelled Fig. 2.6 to 2.8  
Fig 2.6 ... New - Emergency Turn-around  
Turn Control Signs..... Warrant enhanced  
R-105..... Added new sign – opening for CMS  
R-155..... Enhanced warrant for clarity

### **Chapter 3: Warning Signs**

Curve Warning..... New description, curve test vehicle  
Added test criteria for new vehicles  
W-17..... New sign – Roundabouts  
W-54..... Clarified use on bridge approaches  
W-63..... Correction “more than 8km”  
W-115..... New symbolic sign based on TAC TC-47  
W-130T.. New tab  
W-145..... New “NO EXIT” sign - was Z-140  
W-326T.. Existing standard sign - omitted in Interim Edition  
W-329..... Warranted expanded to apply to other forms of traffic  
control  
Grade Profile Sign ..... Added instructions on “how to order”

**Chapter 4: Guide Signs**

- 4.3.1..... Sheeting standards revised
- 4.3.4..... Added Numbered Streets abbreviation standards
- G-1,2,& 4 series..... Revised to 1S, 1, 1X; warrants rewritten
- G-8D ..... Added use on signal arms
- G-133..... New - was I-112
- 4.5.2..... New policy pertaining to “up” arrows per lane  
Added Exit # policy
- Fig 4.4..... Revised to “use m if < 1000m”
- Fig 4.5 to 4.14..... New diagrammatic formats

**Chapter 5: School & Pedestrian**

- SP-1..... Add criteria for installation prior to boundary
- SP-9..... New symbol sign - was Z-206
- SP-8..... Clarify “when used with SP-1...”
- Fig 5.2.... Remove “X” marking

**Chapter 6: Information Signs**

Entire new Chapter to replace Sec. B.5 of the *Manual of Standard Traffic Signs Interim revised Edition March 1988*.

Major Highlights

- I-1, 2 & 5 ..... Signs Cancelled - obsolete
- I-3, 7, 8, 9, 26 & 30..... Colours reversed for enhanced visibility
- I-46–55 & I-172, 173.... S&A Signs moved to own section
- I-180 to 183..... Signs viewed when entering province added,  
including Welcome to BC, Seat belts Compulsory,  
Thinkmetric & 3 Combo vehicles Prohibited

**Chapter 7: Pavement Markings**

- General.. ..... Reformatted with section numbers & page numbers
- Lane Edge Lines..... Enhanced policy
- Stop Lines..... Enhanced policy
- “X” Markings..... New section clarify use of the “X”
- Fig.7 New I-43 (I-44 cancelled)
- 7.5 RPM’s ..... Rewritten for clarity
- No Passing Zones ..... Rewritten for clarity
- Fig. 7.42. .... “X” added to RR crossings

## **CANCELLED CIRCULARS**

This Circular cancels or supersedes the following T-circulars or G-Circulars:

### **G-CIRCULARS (1950-1959)**

- G 27/50 Signs on Highways - Section 13
- G 28/50 Section 13 - Signs on Highways
- G 1/51 White Paint for Sign Posts
- G 9/51 Signs on Highways
- G 6/52 Destination Signs
- G 10/52 Revision of Sign Erection Standards
- G 21/52 Sign Erection Standards
- G 15/55 Signs on Projects
- G 18/56 BC Forest Service Signs
- G 29/56 Regulation Notice Sign
- G 14/57 Use of Tire Chains or Winter Tread Tires
- G 8/58 Reclamation of Traffic Control Signs
- G 13/54 Instructions for Flagman
- G 16/54 Vertical Clearances – Highway Bridges
- G 33/54 Highway Reconstruction Courtesy Signs
- G 13/56 Temporary Departmental Signs on Highways
- G 21/56 Courtesy Signs
- G 19/58 Info re G13/58 Return of Signs
- G 1/55 Highway Reconstruction Courtesy Signs
- G 14/55 Child Silhouette School Signs
- G 22/55 Signs on the Right-of-way
- G 6/59 Traffic Devices at entry to Shopping Centres
- G 11/59 Speed Limits
- G 16/59 School Signing Revision
- G 17/59 Route Markers, Speed Zone Signs, Directional Signs
- G 20/59 Cardinal Direction Markers

### **G-CIRCULARS (1960-1969)**

- G 11/60 Construction Signs
- G 17/60 Creek, River & Lake Identification Signs
- G 16/60 School Zones
- G 21/60 School Zones
- G 22/60 Control of Non-Departmental Signs
- G 18/61 Policy for Control of Non-Departmental Signs
- G 24/61 Cardinal Direction Markers
- G 9/61 Speed Zones on Section of Highways under Construction
- G 17/61 W-60 Sign "Watch for Cattle on Road"
- G 22/61 Maintenance of Directional Signs

This Circular cancels or supersedes the following “T” or G-Circulars: (Cont’d)

- G 18/62 Control of Non-Departmental Signs
- G 19/62 School, Pedestrian & Playground Signs
- G 4/63 R-43A “Unlawful to Litter Highways” Signs
- G 12/63 Painting of Directional & Distance Signs
- G 29/63 Ordering Signs
- G 22/64 Project Completed Signs
- G 16/64 Project Completed Signs
- G 1/62 Control of Non-Departmental Signs
- G 30/62 Control of Non-Departmental Signs
- G 10/65 Control of Non-Departmental Signs
- G 16/65 Control of Non-Departmental Signs
- G 24/65 Restrictions on the Use of Oversize Lane Closure & Speed Reduction Signs
- G 31/65 Chain Signs
- G 2/66 New Standard Sign Symbols
- G 13/66 Colour of Sign Backs & Sign Posts
- G 15/66 Signing Hazardous Frost Heaves
- G 25/66 Snow plow Sign - Change
- G 26/66 Chain Signs
- G 34/66 Standardisation of Traffic Control Devices
- G 11/67 Salvage of Re-usable Metal Signs
- G 17/67 Ordering New Standard Signs
- G 20/67 Placement of “Form Single Lane” Signs
- G 21/67 “Men Working” and Survey Crew Maximum (Speed) Signs
- G 5/69 Changes in Construction Signs
- G 8/69 Changes in Construction Signs
- G 10/69 Changes in Construction Signs & Supply for Contract Proposals
- G 11/69 New Construction Signs & Supply of Signs for Contracted Projects

**INVENTORY G-CIRCULARS (1970 - 1979)**

- G 3/70 I-34 Sign – Is Your Seatbelt Fastened
- G 14/70 Flagmen & Flagman Control of Traffic
- G 21/70 Flagmen & Flagman Control of Traffic (Revised)
- G 3/71 Delineator Posts at Public Side Road Connecting to Highways
- G 17/71 Revisions – Sign Manual
- G 19/71 Galvanised Metal Sign Posts
- G 32/71 Colour of Pavement Markings
- G 35/71 Revised Signs for Bridge Load Limits & Spring Weight Restrictions
- G14/72 Colour of Pavement Markings
- G16/72 Use of C-1Men Working - Maximum 30 Signs
- G19/72 Sign Manual Revisions
- G22/72 British Columbia Numbered Highway Routes

This Circular cancels or supersedes the following “T” or G-Circulars: (Cont’d)

- G5/73 Ordering of Guide (Directional) Signs
- G7/73 Signs Marking Forest District and Provincial Forest Boundaries
- G16/73 Back-to-Back Construction and Maintenance Signs
- G19/73 Ordering Paint for Signs
- G2/74 Chains on Dual-Wheeled Vehicles - Use of R-51 Sign
- G3/74 Signs to Identify Project Field Office (1-33) and Maintenance Yards or Camps (1-3A)
- G34/74 Advance “?” Signs for Visitor Information Centres
- G35/74 W-29 Steep Hill Sign, W-29T Trucks Gear Down Tab
- G40/74 C-35 Project Sign (New Design)
- G50/74 Reflectorized Backgrounds for @-35 Trucks Turning and R020 No Passing for 500 Feet Signs
- G51/74 Use of Chains on Dual-Wheeled Vehicles, R-51 Sign
- G52/74 British Columbia Numbered Highway Routes
- G56/74 Removal of Curve, Slow and Advisory Speed Signs in Lowered Speed Zones
- G25/75 Rest Area, Picnic and Campground Signs
- G28/75 C-1/1A Men Working - Maximum (Speed) Signs
- G41/75 C-36 Survey Crew Signs
- G51/75 Use of Hardboard Faces on Large Directional and Other Plywood Signs
- G1/76 C-37 “Sweeper Ahead” Sign
- G19/76 Re-ordering “AVALANCHE AREA” Signs
- G32/76 The C-19 Sealcoating Sign
- G33/76 Snow Blower Ahead Sign
- G39/76 New C-35 Project Sign
- G48/76 Workers Below (Worded & Symbol) Signs
- G2/77 Anti-littering Signs
- G3/77 Survey Crew Signs
- G5/77 W-61 Right Lane Ends Sign
- G10/77 Signing for Bumps, Rough Roadway, Broken Pavement, etc
- G23/77 Metrification of W-18 Advance Low Clearance Signs
- G34/77 Signing for Slow Vehicle Pullouts
- G38/77 The W-53 Watch for Snow plows and Sand Trucks and W-53A Drive Defensively
- G48/77 Cancellation and Removal of R-45 No Driving on Paved Shoulder Sign
- G4/78 Division 23 of the Regulations Pursuant to the Motor Vehicle Act B.C. Reg. 598/77
- G5/78 Signs for Vehicles with Restricted Rear View
- G25/78 “Do Not Enter” Sign and “Wrong Way” Tab

This Circular cancels or supersedes the following “T” or G-Circulars: (Cont’d)

- G28/78 Signs to Identify Project Field Offices 1-33 and Maintenance Yards or Camps 1-33A
- G37/78 Odometer Test Sections
- G38/78 G-8 Advance Road and Street Name Signs
- G43/78 Discriminatory Traffic Signs
- G46/78 British Columbia Numbered Highway Routes
- G49/78 Signing for Tourist Services on Arterial Highways
- G50/78 Standard Symbols for Signing Tourist Services on Arterial Highways
- G5/79 “Caution - Keep 10m Clear” Signs, Cancellation of Circular G5/78
- G11/79 Re-Ordering C-27 Traffic Control Paddles
- G40/79 Signing for Bridge Load Limits
- G46/79 G-29 Police (Station) Route Marker & G-30 Distance Tab
- G48/79 Visual Identity Program, 1-33 Project Field Office and 1-33A Office, Yards, etc Signs

**INVENTORY G-CIRCULARS (1980 - 1989)**

- G10/80 Division 23 of the Regulations Pursuant to the Motor-Vehicle Act, BC Reg 589/77
- G27/80 1-33A and 1-33 (VIP) Signs to Identify Regional/District Offices, Maintenance Yards, Camps, Project Field Offices, etc.
- G3/81 New C-28 Flagperson (Symbol) Sign
- G4/81 The Background Colour of Construction and Maintenance Signs
- G9/81 Banning Passing in the Single Lane Direction on Three Lane Highways
- G19/82 Supply of Reflective Material for Sign Repairs
- G20/82 1-63 Passing Lane 2 km Ahead Sign
- G21/82 “km” Tabs on G-3 and G-6 Signs, “km/h” Symbol on Speed Signs
- G31/82 3 Lane Hills in Winter
- G32/82 Cancellation of R-2T “Yield” Tab & R-9T “Do Not Enter” Tab
- G5/83 Directional Signing for Wineries
- G18/83 Aircraft Patrolled Signs
- G22/83 Signing for Crime Prevention Programs
- G13/84 Signing for Fruit (and Vegetable) Stands
- G15/84 1-64, 64A and 64AT Fruit Stand Signs
- G16/84 R-55 “Yield Centre Lane to Opposing Traffic” Sign
- G20/84 Removal of School Signs for the Summer
- G29/84 British Columbia Numbered Highway Routes
- G34/84 Signing for Medical Clinics in Areas Remote from Hospital Emergency Services
- G1/85 Eligibility Requirements for Visitor Service & Facility Signing
- G2/85 Symbol Signs for Visitor Services
- G7/85 Radio Actuated (Mobile) Lane Control Signals
- G3/86 British Columbia Numbered Highway Routes

This Circular cancels or supersedes the following "T" or G-Circulars: (Cont'd)

- G6/86 1-65, "Please!/Avoid use of/Engine Brakes/in Urban Areas" Sign
- G7/86 Revision of R-7 Sign Message from Keep Right Except to Pass to Slower Traffic Keep Right
- G25/86 Traffic Control System for Intermittent Moving Operations Sign  
Manual Section B 1/26, Figure B 18
- G10/87 Signing for Travel Infocentres & Tourist Region Promotional Signs
- G6/88 Supply of Signs
- G15/88 Revision to Construction and Maintenance Sections of the Manual of Construction and Maintenance Signs, and the Manual of Standard Traffic Signs
- G14/89 Revision of the 1-42 "?", Visitor Information Sign

**INVENTORY G-CIRCULARS (1990 - 1999)**

- T8/90 Orange Construction and Maintenance Signs.
- T4/92 Implementation of New Traffic Control Procedures
- T9/94 Welcome to BC Signs (placed on the BC/Alberta border on 4 routes)
- T-2/99 Manual of Standard Traffic Signs & PM's Interim edition**