



# TECHNICAL BULLETIN

Ministry of Transportation  
and Highways

ENGINEERING BRANCH  
TRAFFIC & ELECTRICAL ENG. SECTION  
BULLETIN NUMBER: **TE2000-03**

<b>Subject: Sign Illumination</b>	
<b>Date:</b> February 10, 2000	<b>Author:</b> Ross Casey
<b>Bulletin Number:</b> TE-2000- 03 <b>Bulletin Type:</b> Change of Standard – Sign Illumination on Shoulder Mount and Overhead Mount Guide Signs	<b>Effective Date:</b> April 1, 2000
<b>Distribution</b>	<b>Standards Affected</b>
All holders of Electrical and Traffic Engineering Manual – Guidelines for the Design of Lighting, Signal and Sign Installations	Electrical and Traffic Engineering Manual Electrical and Signing Material Standards

### BACKGROUND:

The Ministry has determined that all shoulder mount guide signs are sufficiently illuminated by vehicle head lights and that sign lighting is not required, especially in view of the more highly reflective material currently being used for all signs.

The Ministry has also determined that overhead mounted guide signs do not require illumination if at least one colour of the sign is made from encapsulated lens sheeting or higher grade sign material.

The above practices are consistent with other jurisdictions' practices in North America.

**Policy:** The Ministry will not install sign lighting on any new shoulder mount guide signs or on any overhead guide signs having one or more colours of encapsulated lens sheeting or higher grade of reflectivity sign material.

The ministry will initiate the removal of all sign lighting on existing shoulder mounted guide signs and on existing overhead guide signs having one or more colours of encapsulated lens sheeting or higher grade of reflectivity sign material.

### Procedure:

#### 1.) Design

Sign illumination shall not be included on any new guide signing designs effective immediately.

#### 2.) Electrical Material

No new sign luminaires shall be purchased effective immediately.

#### 3.) Maintenance/Rehab

The removal of guide sign illumination in situations noted above should proceed as soon as practical and no later than at the time of annual preventative maintenance. The power bill account administrator shall be notified as soon as the sign luminaires are removed so that power bill savings can be achieved.



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Regional Maintenance personnel shall submit marked up dwgs to the Electrical Engineering Section (EES) in Delta showing the removal of sign luminaires when making changes to existing infrastructure. The EES will, in turn, revise and distribute the record drawings.

4.) Power bill management.

Revisions to power bill accounts shall be made as soon as the sign luminaires are removed to realize maximum savings.

**CONTACT:**

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