



Subject: Use of Countdown Pedestrian Signals	
Date: June 30, 2005	Author: Ross Casey
Bulletin Number: TE-2005-03 Bulletin Type: New Guideline	Effective Date: Immediately
Audience	Standards Affected
All holders of the Electrical and Traffic Engineering Manual	.

BACKGROUND:

This technical bulletin is in addition to the information provided in Technical Bulletin TE-2005-02 regarding countdown pedestrian signals. Countdown pedestrian signals are a relatively new traffic signal device that can aid in the safe movement of pedestrian traffic. The devices are standard pedestrian signal enclosures with LED numerals that can be configured to count down from a preset number of seconds to zero in 1 second intervals

Policy:

The Ministry generally does not initiate the installation of countdown pedestrian signals. The municipality shall make all application for the installation of countdown pedestrian signals. All requests for the installation of countdown pedestrian signals shall be made to the District Transportation Manager, who forwards the request to the Regional Traffic Engineer for approval. The Ministry will prepare the signal design and coordinate the installation of countdown pedestrian signals. Municipalities shall pay all costs associated with the design and installation of countdown pedestrian signals.

Procedure:

The requirements noted above in the policy section shall be completed before the Ministry will initiate the installation of countdown pedestrian signals.

Once the countdown pedestrian signal installation has been approved, the Ministry Manager, Electrical Services will provide the municipality with a written estimate of the entire cost of the installation and the municipality shall agree in writing that the cost is acceptable.

The Ministry will then arrange to have the design undertaken; countdown pedestrian signals purchased and arrange for the installation.

The municipality shall be invoiced for all costs at the completion of the work.

BC Ministry of Transportation countdown pedestrian signals shall be configured so that they commence counting down when the flashing don't walk time commences and will time out at the commencement of the yellow/red change interval of the concurrent vehicular signal phase. Referring to Sub-clause 402.5.7 of the Electrical and Traffic Engineering Manual, the countdown time would be the Pedestrian Clearance Time for a specific intersection. The countdown



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pedestrian signal display will be blank for the walk time and the yellow/red change interval of the concurrent vehicular signal phase. It will also have a blank display during all other signal phases.

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