

This specification outlines the requirements for the location, placement, supply and installation of miscellaneous warning devices relative to work sites.

## PART 1 REFERENCES

Government of Newfoundland and Labrador, Department of Transportation and Infrastructure

TI Traffic Control Manual

## PART 2 GENERAL

### 2.1 APPLICATION

- .1 Under certain conditions, as outlined in the following sections, a number of other warning devices, including the following, may be used to augment the standard devices outlined in Sections 01571 – Informational Warning Devices, 01572 – Location and Placement of Signs, 01573 – Delineation Devices, and 01574 - Barricades.

### 2.2 HIGH LEVEL WARNING DEVICES

- .1 High level warning devices may be used where sight lines are such that normal devices cannot be seen because of obstacles or vehicles. Such devices shall be placed inside the area protected by the delineators or barricades.

### 2.3 TRUCKS WITH FLASHERS

- .1 Trucks with flashers may be used as a replacement for normal signing, in some cases, where the work site is of a very temporary nature and its location changes on a continuing basis. In such instances, the truck shall be equipped with a rotating amber flasher mounted on its roof and standard four-way flashers. This vehicle shall display a bumper, a minimum of 250 mm wide, with alternate orange and black stripes at 45 degrees, and shall be equipped with the appropriate sign to properly guide vehicles approaching from the rear. The bumper and the sign shall be reflectorized to indicate the same shape and colour by night as by day. Examples of the use of this vehicle can be found in the Traffic Control Manual.

2.4 MISCELLANEOUS

.1 Other miscellaneous traffic control devices, such as flares, flashlights, floodlights, lanterns, etc., may be used, as required, to supplement the signs and other devices described in this part.

2.5 PORTABLE LANE CONTROL SIGNALS

.1 Portable lane controls signals may be used to alternate traffic past a work area, in lieu of flag persons. The Owner shall be advised, in each case, of the intent to use this device, at least ten (10) business days before application. The intent to use must also include a review of the flag persons hours for a credit change in the work.

.2 Traffic light timings are calculated using the table shown in Traffic Control Manual drawing 791-1. The user will be required to adjust the timing to the approval of the Owner.

.3 Portable signals shall be used only under conditions where the lights are clearly visible to an approaching motorist such that the vehicle can be brought to a safe stop at any approach speed. Intensity of the signal lamps shall be maintained in such a manner that the lights are clearly visible for a distance of at least 500 metres.

.4 It is essential that these devices be removed immediately when conditions no longer require their use.

PART 3 PRODUCTS

3.1 NOT APPLICABLE

PART 4 EXECUTION

4.1 NOT APPLICABLE

PART 5 PAYMENT

**5.1 MEASUREMENT FOR PAYMENT**

.1 Work under this section shall be measure and paid for in accordance with Section 01570 – Traffic Regulations.

**5.15.2 BASIS OF PAYMENT**

.1 ~~All costs associated with temporary condition signing and equipment as outlined in this specification shall be the responsibility of the Contractor.~~

~~Cost of the signs, handling, installation, materials, labour shall be paid by the Contractor and no payment shall be considered by the Owner. No separate or direct payment will be made for work as outlined in this specification. All costs associated with the work outlined in this specification shall be deemed to be included in the appropriate unit and lump sum prices quoted as outlined in the Measurement for Payment subsection of this section and as included in the MERX Schedule of Quantities and Prices.~~

Not For Construction

Not For Construction