



Traffic Control Device: **Work Zone**

Date of Revision: **March 15, 2002**

Division:

Subject: **Fast Moving Operations – Hi-Low Vehicle**

Page **1 of 2**

Purpose

Fast moving operations present a special set of traffic control problems.

Protection of the travelling public, and the safety of workers is paramount. Every reasonable effort must be taken to enhance the visibility of slow-moving equipment where its unexpected presence and slow speed may otherwise demand drastic avoidance maneuvers by highway traffic.

Definition

Fast Moving Operations will generally be considered to include any operation which travels continuously or stops on the travelled surface of the road for a period not exceeding 10 minutes in daylight hours only.

Policy

This standard covers the Hi-Low Vehicle only. Due to the continuous mobile nature of this operation, static advance signing is not feasible. Vehicle mounted signs and lights must provide adequate warning.

This policy applies to all Provincial Trunk Highways and Provincial Roads.

Standard

- X The Hi-Low operation effectively closes the lane being evaluated/measured. Traffic must find its way around the operation on two-lane two-way (2L2W) highways by choosing appropriate available gaps in the oncoming traffic stream.
- X For traffic safety reasons the Hi-Low vehicle must restrict its operation to daylight hours only. Late season operation must be evaluated to determine that low sunlight angles do not obscure equipment visibility.

RECOMMENDED: _____
Director, Traffic Engineering

APPROVED: _____
Executive Director
Highway Engineering

Traffic control shall consist of at least the following (see drawing S-TMP-5):

- X A Hi-Low Vehicle equipped with the following:
 - X a black on fluorescent reflective orange rearward facing sign PASS
WITH CARE
 - X extremely bright flashing yellow strobe light (Whelen model 97 or equivalent) facing front and rear,
 - X a rear-facing sequential flashing arrow board - the arrow board should flash in the non-directional "diamond" or four-corner mode during operation on 2L2W roadways, and indicate the direction for following traffic to pass (left or right as applicable) only on multi-lane roadways
 - X fluorescent orange flags at the front and rear of the Hi-Low vehicle
- X As with other fast moving operations, Hi-Low vehicles must continually evaluate traffic conditions and be prepared to discontinue operations to allow following traffic queues to pass, or to abandon operations until conditions improve.