



Traffic Control Device: **Work Zone**

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

Division:

Subject: **Fast Moving Operations-Soil Drill Truck/Coring Operations** 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. However, these must be weighed against the costs and time involved with installing and removing the necessary traffic control devices.

The lateral position of the flagperson, i.e. distance away from the relative safety of the shoulder, also must weigh personal safety against the flagperson's ability to adequately control and warn traffic.

Definition

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

This standard covers B-30 soil drill truck and coring vehicle operations only. Due to variations in their operations, other fast moving operations such as nuclear density testing, Benkelman beam testing and "hi-lo" measurements have similar complimentary standards.

Policy

This standard covers the B-30 soils drill truck and coring vehicle operations only. Due to the continuous mobile nature of this operation, static advance signing is not feasible. Vehicle and equipment mounted signs and lights must provide adequate warning.

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

RECOMMENDED: _____
Director, Traffic Engineering

APPROVED: _____
Executive Director
Highway Engineering

Standard

Traffic control shall consist of at least the following (see drawing S-TMP-2):

- X Symbolic FLAGMAN sign (WD-A45) on portable sign stand or sign trailer.
- X Flagperson stationed **in the closed lane**, approximately 1 m from roadway centreline.
- X Symbolic ROAD WORK sign (WD-A41) on two-way roadways **for traffic in opposite direction**.
- X Ten traffic cones; 5 **required** for tapered lane closure, 5 **recommended** on tangent as shown on S-TMP-2.
- X When required, the technicians truck shall park on the shoulder behind the soil drill truck/coring vehicle. This vehicle shall have a rotating beacon operating.
- X The drill truck/coring unit is to be parked in the closed lane.
- X Signs shall be supplemented by fluorescent red flags. Flags are also highly desirable on the soils drill truck/coring unit.
- X This is a minimum standard. Where traffic volumes or sight restrictions create a problem, a second FLAGMAN sign and a second flagperson for traffic in the opposite direction will be required on two-way roadways. The distance to the flagperson and sign will be 70 m and 150 m respectively, from the soils drill truck.
- X For urban areas with speed limits under 60 km/h, traffic controls may be compressed to 50 m overall (sign to soil drill truck/coring unit). Additional care should be exercised to ensure accesses from driveways, etc. are considered.