



Traffic Control Device: **Work Zone**

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

Division:

Subject: **Survey Crew Traffic Control**

Page **1 of 2**

## Purpose

The nature of traditional surveying operations may require personnel to work anywhere outside or within the right-of-way, and for some operations, on the roadway surface or even down the centreline.

Motorists must be adequately warned and regulated for the protection of **workers**. (In many other highway work operations, protection of the **motorist** plays the major part in traffic control strategies.)

## Policy

Survey crews must warn traffic by the use of the SURVEY CREW sign (WD-A46), supplemented by MAXIMUM 60 WHEN PASSING WORKERS sign (MR-96), or FLAGMAN AHEAD sign (WD-A45) as indicated by the following Table I.

**Table I**

<b>SURVEY CREW SIGNING</b>	
<b>Location of Workers</b>	<b>Required Traffic Control</b>
outside right-of-way	Nil
within right-of-way, off shoulder	WD-A46
on shoulder, with infrequent highway crossing	WD-A46 and MR-96
on roadway surface	WD-A46 and WD-A45, with flagperson* per approach direction

\* Note that when flagperson is required (except for isolated, occasional flagging requirements) the FLAGMAN AHEAD sign may supplement OR REPLACE the MAXIMUM 60 WHEN PASSING WORKERS.

i.e. WD-A46 and WD-A45  
OR  
WD-A46 and WD-A45 and MR-96

RECOMMENDED: \_\_\_\_\_  
Director, Traffic Engineering

APPROVED: \_\_\_\_\_  
Executive Director  
Highway Engineering

## Standard

This is a minimum standard. Unusual conditions such as high traffic volumes, high traffic speeds, geometric constraints, and sight restrictions (hills, curves, dust, etc.) may require additional signing.

Where signing is required, survey crews must always be visible to motorists from the nearest survey crew signing sequence, and in any case crews must work no further than 1.5 km away from nearest signing.

Survey crews on right-of-way must be properly attired in flagperson's vest or approved fluorescent orange jacket and approved headgear (soft cap or hard hat).

The flagperson should be positioned between 30 and 50 m in advance of personnel on the roadway.

The flagperson must be trained, and properly attired in flagperson's vest and approved headgear with approved flagperson's stop/slow paddle or fluorescent red flag.

Survey crew vehicles parked on shoulder must have four-way flashers operating. Amber flashers are required in construction areas. Where possible, the vehicle should be parked outside the shoulder line on an approach or service road. **In no case should the vehicle be parked adjacent to workers or a flagperson so that it blocks the escape route from an approaching errant vehicle.**

MAXIMUM 60 WHEN PASSING WORKERS signs are not to be used in areas with speed limits less than 60 km/h.

All signs should be placed no closer than 30 m from other **existing** signing, for maximum effectiveness of **all** signing.

Where more than one sign is required, i.e. SURVEY CREW and MAXIMUM 60 WHEN PASSING WORKERS or FLAGMAN AHEAD , these signs should normally be spaced 150 m apart on high speed highways, and 50 m in lower speed urban areas.