

## Procedures

# NPR 713 Placing temporary speed signs

## Description

This document describes the procedure for placing temporary speed signs.

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## Introduction

Temporary speed signs are placed to tell Drivers and Track Vehicle Operators about speed restrictions that have been placed on portions of track.

## Sign types

FIGURE 1: Temporary speed signs.



### WARNING

- White text on blue background.
- A flashing blue light is fitted to the top of the signs.
- Signs have one or two speed plates at the bottom.

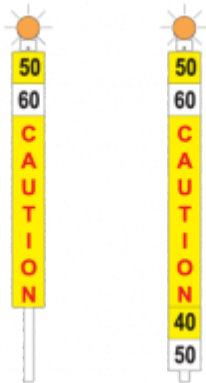
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### INTERMEDIATE WARNING

- White text on blue background.
- A flashing blue light is fitted to the top of the signs.
- Signs have one or two speed plates at the bottom and a distance to CAUTION plate.



### CAUTION

- Red text on yellow background.
- A flashing amber light is fitted to the top of the signs.
- Signs have one or two speed plates at the top.
- They may also have one or two speed plates at the bottom.



### CLEARANCE

- Black text on white background.
- A flashing white light is fitted to the top of the signs.
- Signs have no speed plates.

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A speed plate at the bottom of a sign shows the speed that is going to apply between the next **CAUTION** sign and the following **CAUTION** or **CLEARANCE** sign.

A speed plate at the top of a **CAUTION** sign shows the speed that applies from that sign to the next sign.

Additional plates at the bottom of a sign qualify the speed restrictions by:

- limiting the time for the restriction, or
- providing for a reduced distance between the **WARNING** and **CAUTION** signs, or
- indicating the line to which the restriction applies.

## General

### Qualified Worker

- 1 Confirm the areas where speed is to be restricted, and the speeds to be imposed.
- 2 Assemble the temporary speed signs.
- 3 Make sure that the signs are placed as close as possible to the track without being a danger to rail traffic or its crew.
- 4 Place signs in clear view on the left hand side of the track, in the direction of travel.
- 5 If the line is bidirectional, place a second set of signs for the opposite running-direction:
  - for single lines, on the left hand side, or
  - for double lines, on the right hand side.
- 6 If a platform is located between the **warning** sign and the **caution** sign place an **intermediate warning** sign beyond the departure end of the last platform before the restricted area.
- 7 Tell the affected Signallers that the signs are in place.
- 8 Arrange for the speed restrictions to be advertised.

## Single speed restricted area

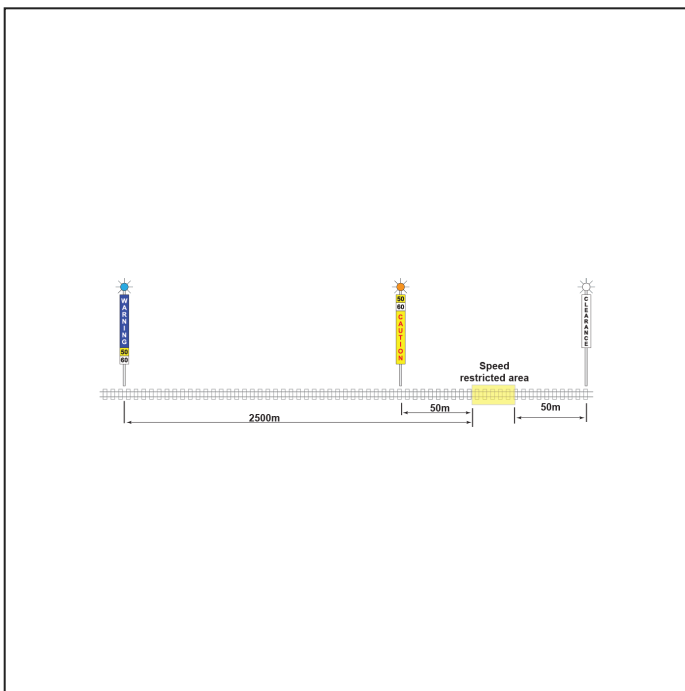
### Qualified Worker

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- 1 Place the **WARNING** sign on the approach side 2500m from the speed restricted area.
- 2 Place the **CAUTION** sign on the approach side 50m from the speed restricted area.
- 3 Place the **CLEARANCE** sign on the departure side 50m beyond the speed restricted area.
- 4 As necessary place an **INTERMEDIATE WARNING** sign with an additional plate that indicates the distance to **CAUTION**.

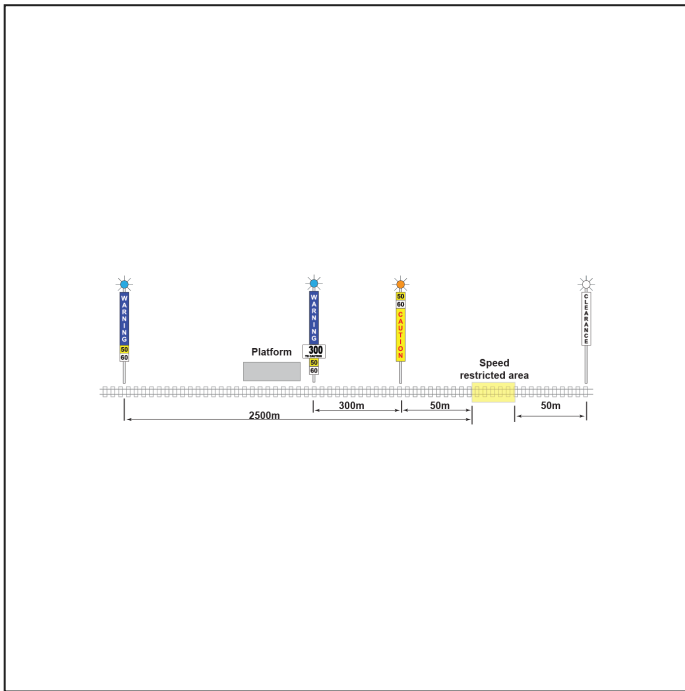
**FIGURE 2: Location of temporary speed signs for a single speed restricted area.**



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FIGURE 3: Location of temporary speed signs where a platform is located before the single speed restricted area.



## Multiple speed restricted areas

When several speed restricted areas are less than 2500m apart, a single **WARNING** sign is placed before them. **CAUTION** signs are placed before and after each speed restricted area.

### Qualified Worker

- 1 Place a **WARNING** sign 2500m on the approach side of the first speed restricted area.

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FIGURE 4: Locations of temporary speed signs for a multiple speed restricted area.

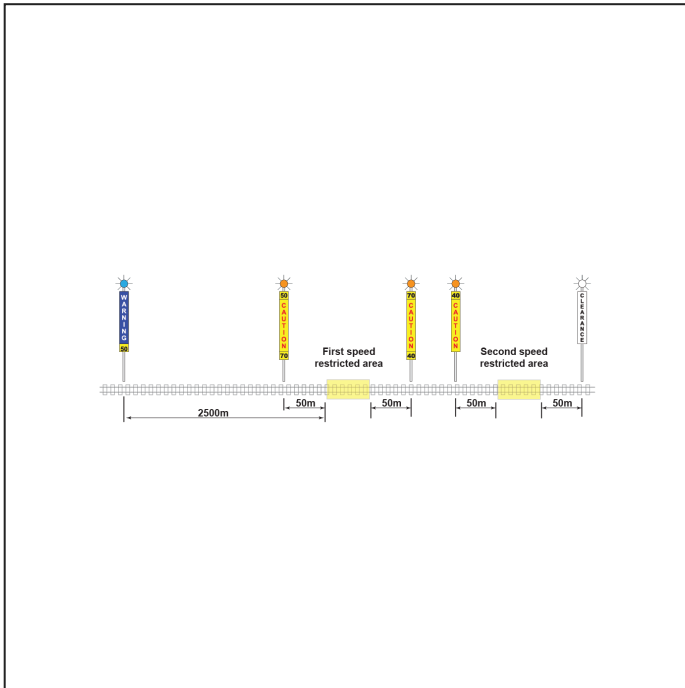
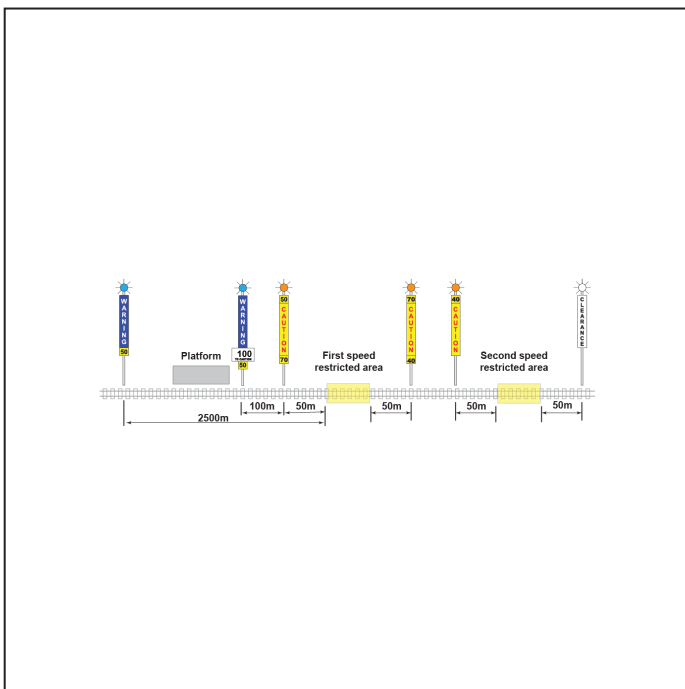


FIGURE 5: Location of temporary speed signs where a platform is located before a multiple speed restricted area.



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- 2 Place a **CAUTION** sign 50m before each speed restricted area. The speeds displayed at the top of the sign should be the same as the speeds displayed at the bottom of the previous sign.
- 3 Place a **CAUTION** sign 50m after each speed restricted area. The speeds displayed at the top of the sign should be the same as the speeds displayed at the bottom of the previous sign.

The **CAUTION** sign before the last speed restricted area will not have a speed plate on the bottom as there are no speed restricted areas to follow.

- 4 Place a **CLEARANCE** sign on the departure side 50m after the last speed restricted area.
- 5 As necessary place an **INTERMEDIATE WARNING** sign with an additional plate that indicates the distance to **CAUTION**.

## Multiple route speed restricted area

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- 1 Place **WARNING** signs on the approach side 2500m from the speed restricted area on all lines that might give access to the speed restricted area.
- 2 Place additional plates that indicate the line to which a temporary speed restriction applies.
- 3 Place a **CAUTION** sign on the approach side 50m from the speed restricted area.
- 4 Place a **CLEARANCE** sign on the departure side 50m beyond the speed restricted area on all lines that lead from the speed restricted area.
- 5 As necessary place an **INTERMEDIATE WARNING** sign with an additional plate that indicates the distance to **CAUTION**.

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FIGURE 6: Location of temporary speed signs for speed restricted area with multiple routes.

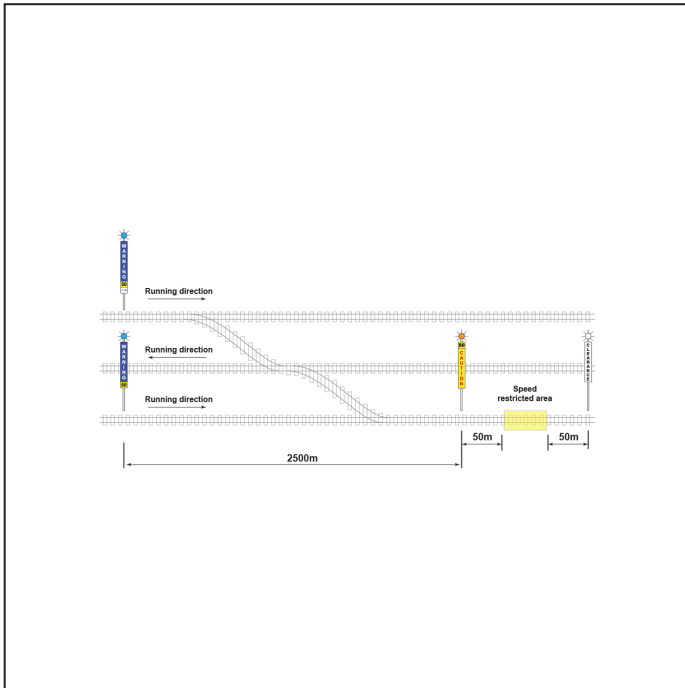


FIGURE 7: Location of temporary speed signs where a platform is located before a multiple route speed restricted area.

