

# **SECTION 4**

## **SUPPLEMENTARY DESTINATION SIGNS**

June 2009

**SUPPLEMENTARY DESTINATION SIGNS**

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## 4. SUPPLEMENTARY DESTINATION SIGNS

### 4.1 GENERAL

Exit guide signs can only show one or two destination names in rural areas or the name of the principal crossroad in urban areas, refer to Section 1.9.1 and 1.9.2 for more details of these signs.

Supplementary destination signs (SDS) shall only be used when it is considered necessary to show additional places accessible from an exit. These signs can only be introduced into the exit guide signing sequence when there is sufficient space between successive signs to avoid drivers becoming overloaded with information.

Supplementary guide signing may be used to indicate:

- (a) Places accessible from an exit other than those shown on the standard exit guide signing, e.g. major suburban areas, hospitals, transport terminals, etc.
- (b) Important places remote from the motorway/expressway route
- (c) Major traffic generators such as major sporting or cultural venues, universities, large recreational areas, important tourist facilities, etc.
- (d) That multiple exits provide access to one place, e.g. a city, a major sporting/recreational facility, etc.

The signs may contain information of the type described in (a), (b) and (c) above or a combination of two or more. Signs indicating multiple exits provide access to a single destination shall, however, display only that information.

Each additional place name shall only be shown on one supplementary destination sign in each direction of travel for a particular route.

### 4.2 GUIDELINES FOR THE PROVISION OF SUPPLEMENTARY DESTINATION SIGNS

- (a) Supplementary destination signs should not be routinely used to merely list more destinations than can be accommodated on the normal advance exit signs because additional signs in heavily trafficked motorway and expressway environments tend to:
  - reduce the effectiveness of the standard exit signing, and
  - overload drivers with too much unnecessary information.
- (b) Supplementary destination signs shall not be provided unless the minimum sign spacing for the operating speed of the road can be achieved between successive signs.
- (c) Only one supplementary destination sign may be erected on the approach to each exit.
- (d) Except for signs indicating multiple exits, supplementary destination signs shall be erected as separate sign assemblies and be located approximately midway between the last advance exit sign and the exit direction sign.
- (e) All supplementary destination signs shall be ground mounted.

### 4.3 SPECIFIC SIGN REQUIREMENTS

#### 4.3.1 GENERAL

A supplementary destination sign shall display no more than three place or important facility names. The traffic instruction 'THIS EXIT' must be displayed immediately below the list of place names.

Place names shall be listed from top to bottom on the sign in order of increasing distance from the exit.

The vertical spacing between place names should be 225 mm with 200 mm between the last name and the traffic instruction 'THIS EXIT'. Where a place name contains a descender the vertical spacing shall be increased by 25 mm.

Where one place name is significantly longer than the others text wrapping may be used, when practicable, over a maximum of two lines to give a more visually pleasing sign layout. The vertical spacing between lines of wrapped text shall be 150 mm, increased by 25 mm where the destination name contains a descender.

A typical MI - 6 supplementary destination sign is illustrated and detailed in FIGURE 4.5.

#### 4.3.2 ACCESS TO IMPORTANT PLACES NOT ON THE EXPRESSWAY/MOTORWAY ROUTE

Supplementary destination signs may be used to indicate that the next exit provides access to a route(s) leading to important towns or cities that do not warrant signing on the standard expressway/motorway advance exit guide signs.

A typical supplementary destination sign for this purpose is shown in FIGURE 4.1.



**FIGURE 4.1: AN MI - 6 FORMAT SIGN INDICATING THAT THE NEXT EXIT PROVIDES ACCESS TO AN IMPORTANT PLACE NOT ON THE EXPRESSWAY/MOTORWAY ROUTE**

#### 4.3.3 MAJOR TRAFFIC GENERATORS

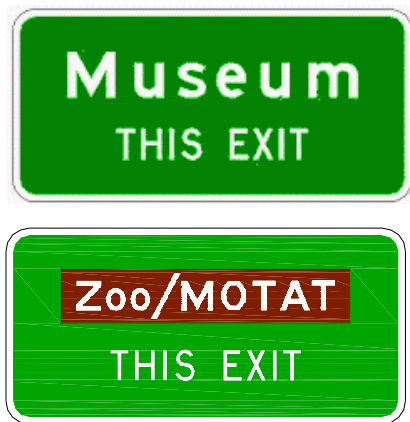
Supplementary destination signs may be used to indicate that the next exit provides access to a major traffic generator(s), e.g. large sporting or cultural venues, universities, major recreational areas, important tourist facilities, etc., which are not shown on advance exit signing because of other sign legend priorities.

Normally, only the most important facilities, e.g. a Zoo, Museum, major sporting ground etc, will warrant signing.

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Typical supplementary destination signs indicating a major traffic generator are shown in FIGURE 4.2.



**FIGURE: 4.2: EXAMPLES OF MI - 6 FORMAT SUPPLEMENTARY DESTINATION SIGNS FOR MAJOR TRAFFIC GENERATORS**

### 4.3.4 MULTIPLE EXITS TO PLACES AND IMPORTANT FACILITIES

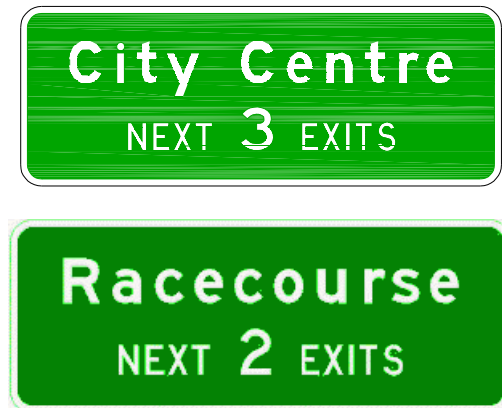
Supplementary destination signs may be used to indicate that several exits provide access to a place, or important sporting, recreational or similar facility where:

- drivers are unlikely to be aware of this fact at the first exit, or
- the place or facility cannot be named at each exit because of other sign legend priorities.

The signs should be erected before the first advance exit sign for the first exit. However, where it is difficult to achieve an adequate spacing between signs a more practical location may be midway between the first and second advance exit signs for the first exit.

The generic term 'City Centre' may be used instead of a place name, if the place has been identified on previous signs.

Typical supplementary destination signs indicating several exits provide access to a place are shown in FIGURE 4.3.



**FIGURE: 4.3: EXAMPLES OF MI - 6 FORMAT SUPPLEMENTARY DESTINATION SIGNS INDICATING MULTIPLE EXITS TO A PLACE OR IMPORTANT FACILITY**

MI - 7 supplementary destination signs may also be used to indicate that several exits provide access to a place or important facility when:

- it is considered that this sign format provides more appropriate driver information, or
- the place name has not been shown on previous guide signing.

MI - 7 signs should only be necessary when interchange sequence signs are not installed.

A typical MI - 7 supplementary destination sign is shown in FIGURES 4.4 and 4.6.



**FIGURE: 4.4: AN MI - 7 FORMAT SUPPLEMENTARY DESTINATION SIGN INDICATING MULTIPLE EXITS TO A PLACE OR IMPORTANT FACILITY AND DISTANCES TO THE EXITS**

SUPPLEMENTARY DESTINATION SIGNS

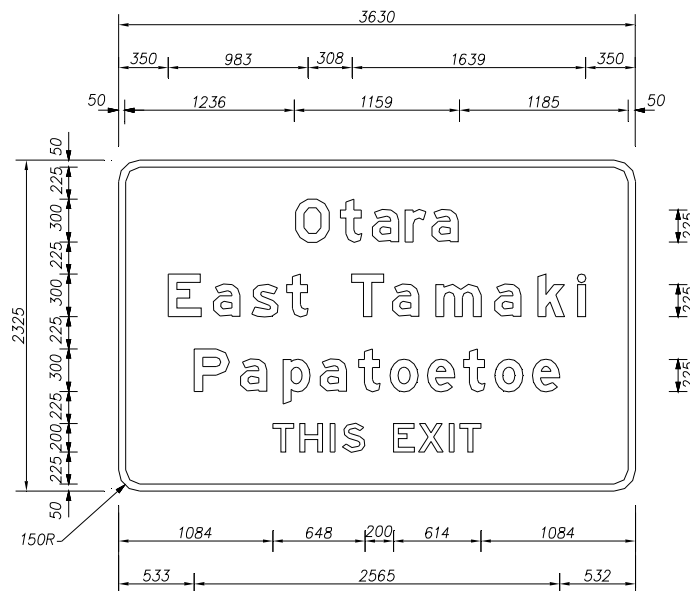
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MI - 6

SIGN DETAILS

|                    |                       |
|--------------------|-----------------------|
| <b>LEGEND:</b>     | Reflectorised white   |
| <b>BACKGROUND:</b> | Reflectorised green   |
| <b>BORDER:</b>     | Reflectorised white   |
| <b>LETTERS:</b>    |                       |
| Destinations:      |                       |
| Initial capital    | Modified Series E 300 |
| Lower case         | 225 loop height       |
| 'THIS EXIT'        | Series E 200          |



NOTES:

1. Ground Mounted Sign
2. Vertical spacing between 'Papatoetoe' and 'THIS EXIT' increased by 25 mm from standard 200 mm to 225 mm because of letter 'p' descender

MI - 6 SUPPLEMENTARY DESTINATION SIGN

FIGURE 4.5

SUPPLEMENTARY DESTINATION SIGNS

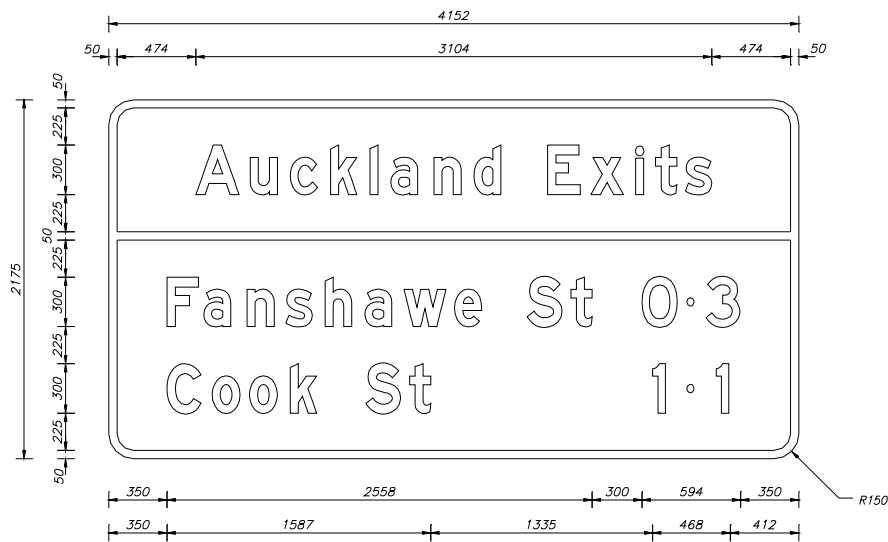
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MI - 7

SIGN DETAILS

|                    |                       |
|--------------------|-----------------------|
| <b>LEGEND:</b>     | Reflectorised white   |
| <b>BACKGROUND:</b> | Reflectorised green   |
| <b>BORDER:</b>     | Reflectorised white   |
| <b>LETTERS:</b>    |                       |
| Destinations:      |                       |
| Initial capital    | Modified Series E 300 |
| Lower case         | 225 loop height       |
| <b>NUMERALS:</b>   |                       |
| Distance           | Series E 300          |



NOTE: Ground mounted sign

**FIGURE 4.6 MI - 7 SUPPLEMENTARY DESTINATION SIGN WITH DISTANCES TO THE EXITS**