

DEPARTMENT of INFRASTRUCTURE ENERGY and RESOURCES, TASMANIA

ROADWORKS SPECIFICATION

R62 - GUIDE POSTS AND DELINEATORS

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R62.1 SCOPE

This Specification sets out the requirements for the installation of guideposts and delineators.

R62.2 OBJECTIVE

To provide safe and clear delineation of the road for all users both day and night and under all weather conditions.

R62.3 REFERENCES

The following Australian Standards apply:

- AS1742 - Manual of Uniform Traffic Control Devices Part 2.
- AS1906 - Retroreflective Materials and Devices for Road Traffic Control Purposes.
- AS2700S - Colour Standards for General Purposes.

R62.4 PERFORMANCE CRITERIA**R62.4.1 Posts** ◆

Posts shall comply with AS1742.2 and the following additional requirements:

- Posts shall be white and the colour shall be equivalent to, or whiter than Y35 Off White of AS2700S. Paint used shall be APAS 0280/5 'Heavily Pigmented Low Gloss Latex Paint Finish (exterior timber)'
- Posts shall present a 100mm wide face to traffic along the full height of the post.
- Height of post above ground shall be 1,000mm +/- 100mm.
- Timber posts shall be of seasoned hardwood with a minimum strength grade of F7
- Plastic or rubber posts shall have rebound properties and shall be guaranteed, by the manufacturer, to have an exposure life of at least 10 years.
- Steel posts shall have rebound properties and be coated with a paint system guaranteed, by the manufacturer, to have an exposure life of at least 10 years.
- Sheet steel guideposts may be accepted by other authorities on local roads.

R62.4.2 Delineators ◆

Delineators on rigid posts shall be 85mm diameter Type A corner cube reflectors complying with AS 1906.2.

Delineators on reboundable posts shall be 10,000mm² class1A retroreflective sheeting complying with AS 1906.1 and with a minimum dimension of 50mm.

Delineators on Accident Site markers shall be class 2 retroreflective sheeting.

R62.4.3 Snow Markers ◆

- Snow markers shall be international standard orange (AS2700 colour 0100) rebounding posts.
- Older style Snow Markers on posts consisting of a black band 100mm in width, surrounding the post with the top of the band 300mm below the top of the post shall progressively be replaced. Alternative types of snow markers shall not be intermixed.

R62.4.4 Accident Site Markers ◆

Fatality site markers shall be a black guidepost with a white reflective cross. Serious injury markers shall be a red guidepost with a white reflective dash.

R62.5 INSTALLATION**R62.5.1 Posts**

Installation and spacing of guideposts shall be in accordance with AS1742.2 with the following additional requirements:

- Guideposts shall be installed 300mm from the edge of shoulder.
- Guideposts shall be installed adjacent to the end of all culverts that are not protected by road safety barrier.
- Maximum spacing of guideposts shall be 150m.
- Maximum spacing of guideposts in areas subject to snow and/or fog shall be 60m.
- Table R62.1 lists the roads where snow markers are to be installed and the fog spacing is to be used.

R62.5.2 Delineators ◆

- Mounting of delineators shall be in accordance with AS1742.2 and the DIER Standard Drawings.
- Delineators mounted on concrete barrier or on steel beam safety barrier posts shall be mounted on flexible reboundable mountings. This requirement overrides the Standard Drawing detail.
- Class 1A adhesive reflectors shall be used on wire rope safety fence posts. On narrow median barriers delineators may be required on both faces of the posts.

R62.5.3 Snow Markers

Snow markers shall be provided in areas subject to snow on the links, or part thereof, as listed in Table R62.2.

R62.5.4 Accident Site Markers ◆

Installation of Accident Site Markers shall be in accordance with Policy Guidelines for their placement. Accident Site Markers are normally installed and maintained by the local Government Authority

TABLE R62.2
ROADS TO HAVE SNOW MARKERS AND FOG GUIDEPOST SPACING
(Numbers represent Links / chainages)

ROAD	SNOW	FOG
Anthony Main Road	48/0 to 6.0	
Arthur Highway		68, 73
Bass Highway		03, 06, 09
Batman Highway		05
Bell Bay Main Road		05
Blessington Main Road		05, 25, 43
Boyer Secondary Road		05, 94
Bridport Main Road		94
Cradle Mountain Dev. Road	05, 56 to 94/6.99	05, 56, 94
Cradle Mt. Tourist Road	41,63, 87, 94, 96/0 to 2.36	41, 63, 87, 94, 96
East Derwent Highway		05,29,94
East Tamar Highway		15, 20, 30, 40, 50, 60
Elephant Pass Main Road		05, 94
Esk Main Road		05
Evandale Main Road		05

ROAD	SNOW	FOG
Ferry Main Road		05
Frankford Main Road		05
Glen Huon Main Road		05, 94
Gordon River Main Road		19, 98, 27, 36
Huon Highway		17, 26, 34
Illawarra Main Road		05, 94
Kings Meadows Main Road		05
Lake Dobson Tourist Road	05/6.0 to 94/8.38	
Lake Secondary Road	30/8.0 to 35, 42, 49, 53, 58, 63, 70, 77, 82, 85/0 to 5.70	05, 12, 18
Lake Leake Main Road		36, 58
Lake St. Clair Tourist Road	05	
Leighlands Secondary Road		05
Lilydale Main Road		08
Lollara Main Road		05
Lyell Highway	35/6.00 to 38, 43, 46, 48, 51, 53, 56, 60, 62/0 to 1.00	05, 12, 25, 28, 30, 33, 35, 38
Lymington Main Road		05
Marlborough Secondary Road	05,19,44,93	
Meander Valley Secondary Road		04, 07, 24, 46, 90
Midland Highway		15, 20, 24, 26, 37, 43, 74, 80, 85, 90, 96
Mt. Barrow Tourist Road	07	
Murchison Highway	39,45, 52/0 to 9.25	
Nicholl's Rivulet Main Road		05, 94
Pipers River Secondary Road		05
Poatina Main Road	05,12,25 to 40/0 to 9.00	05, 12, 25
Ranelagh Secondary Road		05
Scotts Secondary Road		05
Spring Hill Main Road		05
Tasman Highway	68/6.50 to 10.00	15, 16, 18, 20, 40, 51, 53, 68, 82, 84,86, 88, 90
Waratah Main Road	05, 28, 46/0 to1.55	
West Tamar Highway		05, 25, 41, 63, 94
Youl Main Road		05

R62.6 REMOVAL OF EXISTING GUIDE POSTS

Where specified or directed, existing guideposts shall be removed and disposed of. The remaining hole shall be backfilled with gravel or sand compacted by tamping in layers not greater than 200mm loose depth and finished flush with the level of the surrounding surface.

R62.7 EVIDENCE OF COMPLIANCE

Acceptable evidence of durability and performance for flexible guideposts shall be test reports from an independent testing authority for performance when subjected to tests specified in the Main Roads Western Australia Specification 602 for weather, heat and cold resistance, rigidity and vehicle impact or equivalent tests specified by Transport South Australia or the Roads & Traffic Authority, NSW.

R62.8 PAYMENT

Payment for installation of guideposts shall be based on the rate per unit quoted in the Schedule of Rates. The rate shall include the cost of supply of all materials, attachment of delineators, installation of the post and disposal of surplus material.

Payment for removal and disposal of existing guide posts shall be based on the rate per unit quoted in the Schedule of Rates. The rate shall include the removal and disposal of the guidepost, and the supply, placement and compaction of backfill material for the remaining hole.