



**Northern Region
South East Queensland
Joint Regional Councils**

Specification No. C263



**QUEENSLAND
DEVELOPMENT
CONSTRUCTION
SPECIFICATION**

C263

GUIDE POSTS



Coolool Shire Council



Noosa Council

Contract No.

GUIDE POSTS

QUEENSLAND

DEVELOPMENT CONSTRUCTION SPECIFICATION

C263

GUIDE POSTS

These Specifications have been tailored from the AusSpec Standard Specifications for use within Pine Rivers Shire Council, and in consultation with the Northern Region, South East Queensland, group of Councils.

This group includes Pine Rivers Shire, Redcliffe City, Caboolture Shire, Caloundra City, Maroochy Shire, Noosa Council and Coolool Shire.



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Amendment Record for this Specification Part

This Specification is Council's edition of the AUS-SPEC generic specification part and includes Council's primary amendments.

Details are provided below outlining the clauses amended from the Council edition of this AUS-SPEC Specification Part. The clause numbering and context of each clause are preserved. New clauses are added towards the rear of the specification part as special requirements clauses. Project specific additional script is shown in the specification as italic font.

The amendment code indicated below is 'A' for additional script 'M' for modification to script and 'O' for omission of script. An additional code 'P' is included when the amendment is project specific.

Amendment Sequence No.	Key Topic addressed in amendment	Clause No.	Amendment Code	Author Initials	Amendment Date
<i>EXAMPLE 1</i>	<i>Provision for acceptance of nonconformance with deduction in Payment</i>	XYZ.00	AP	KP	2/6/97
1	SCOPE – remove “in areas where streetlighting is not provided”.	C263.01 Part 1	M	LDP/DK M	18/9/02
2	MATERIALS amend details of timber points	C263.03 (b) point 2	M	LDP/DK M	18/9/02
3	GENERAL	C263.04 Part 5	A	LDP/DK M	18/9/02
4	DELINEATORS	C263.07 Part 4	A	LDP/DK M	18/9/02



Cooloola Shire Council



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**NORTHERN REGION SOUTH EAST QUEENSLAND
JOINT REGIONAL COUNCILS
QUEENSLAND DEVELOPMENT CONSTRUCTION
SPECIFICATION C263 – GUIDE POSTS**

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SPECIFICATION C263 : GUIDE POSTS**GENERAL INFORMATION****C263.01 SCOPE**

1. The work to be executed under this Specification consists of the setting out, supply of all materials and erection of guide posts at the locations shown on the Drawings or as directed by the Superintendent.

C263.02 REFERENCE DOCUMENTS**(a) Council Specifications**

- | | | |
|------|---|---------------------------------------|
| C224 | - | Open Drains including Kerb and Gutter |
| C231 | - | Subsoil and Foundation Drains |
| C247 | - | Mass Concrete Subbase |

1. Documents referenced in this Specification are listed in full below whilst being cited in the text in the abbreviated form or code indicated.

Documents
Standards Test
Methods

(a) Council Specifications

- | | | |
|------|---|--------------------|
| C201 | - | Control of Traffic |
|------|---|--------------------|

(b) Australian Standards

- | | | |
|-----------|---|---|
| AS 1604.1 | - | Specification for preservative treatment – Part 1: Sawn and round timber. |
| AS 1906.2 | - | Retroreflective devices (non-pavement application). |
| AS 2082 | - | Visually stress-graded hardwood for structural purposes. |

C263.03 MATERIALS**(a) General**

1. Guide posts shall be of timber or, as an alternative, the Superintendent may approve of a proprietary metallic or flexible (driveable or non-driveable) post.
2. The surface of all posts shall have a gloss or semi-gloss white finish. The surface shall be smooth and easily cleaned.
3. Proprietary posts shall be minimum 1350mm in length and shall have one face of 100mm width.

Type**Surface Finish****Dimensions****(b) Timber Posts**

1. Timber posts shall be cut from Select Grade hardwood and conform with AS 2082. All surfaces shall be smooth and free from obvious saw marks.
2. The posts shall be of rectangular cross-section having dimensions of. The tops of the guide posts shall be square Refer MR1356 standard drawing.

Quality**Dimensions**



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GUIDE POSTS**C263.03 MATERIALS Cont****(c) Proprietary Posts**

1. Where a proprietary metallic or flexible guide post is proposed, the Contractor shall supply details of the proposed guide post including the manufacturer's recommended installation procedure, technical specifications and test certificates for consideration by the Superintendent. The test certification shall address post strength, flexibility, impact and heat resistance and durability. The Superintendent's approval of the submitted details and acceptance of the nominated guide post type and supplier and the approval of Council is required prior to delivery or inclusion in the Works.

(d) Delineators

1. Corner-cubed delineators, conforming to AS 1906.2 shall be attached to each post. **Standard**
2. The delineators shall be neither less than 80mm nor more than 85mm diameter. **Diameter**

CONSTRUCTION**C263.04 GENERAL**

1. The Contractor shall at all times conform to the requirements of the Specification for CONTROL OF TRAFFIC. **Traffic Control**
2. Where the shoulder is in embankment or at natural surface level, the guide posts shall be placed near the outer edge of the shoulder and at a uniform distance, minimum 1m, from the pavement edge line. Where the shoulder is located in a cutting, the guide posts shall be placed on the road pavement side of the table drain, and minimum 1m from the pavement edge line, in such a manner as not to impede the flow of water in the drain. **Positioning**
3. Guide posts shall be erected at the locations shown on the Drawings. **Location**
4. Underground services laid in proximity to the guide posts shall be located prior to erection of posts, all care shall be taken not to damage such services. **Underground Services**
5. Where Council Standard Drawings provides specific details in relation to the construction and location of guideposts the details of Council's Standard Drawings shall apply. **Council's Standards**

C263.05 PROTECTIVE TREATMENT OF TIMBER GUIDE POSTS

1. The portion of the guide post below ground level shall be treated with creosote, such that the penetration and retention of creosote preservative conforms with the requirements for minimum Hazard Class H4 treatment in accordance with AS 1604.1. **Creosote**



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GUIDE POSTS**C263.05 PROTECTIVE TREATMENT OF TIMBER GUIDE POSTS**
Cont

2. All timber above ground level shall be painted with pink primer and any holes, cracks, or other surface imperfections in the timber, shall be stopped with white putty. This work shall be followed by painting with a white undercoat and a white enamel finishing coat.
3. Painted surfaces shall be thoroughly dry before the second coat is applied. Paints shall be handled and applied in accordance with the manufacturer's directions.
4. All paints shall be of the best quality, durable and suitable for exterior application on timber surfaces.

Painting***Dry Surfaces******Paint Quality*****C263.06 ERECTION OF GUIDE POSTS**

1. Guide posts shall be set vertically in the ground to a depth of approximately 500mm. In order to offset shoulder irregularities this depth shall be varied so as to give uniform display of guide posts to a height of approximately 900mm above ground level, with the tops evenly graded. Each guide post shall be erected with the 100mm axis at right angles to the centre line of the road.
2. Allowance shall be made in the height of guide posts above the ground for the effects of superelevation and other road geometry in order to keep the guide posts within the range of the beam of vehicle headlights.
3. Backfilling shall be compacted in layers of depth not more than 150mm for the full depth of the guide posts up to ground level. The density of the compacted backfilling shall not be less than that of the adjacent undisturbed ground. Guide posts shall be firm in the ground to the satisfaction of the Superintendent.
4. Proprietary guide posts, when installed in the ground in accordance with the recommendations of the manufacturer, shall resist overturning, twisting and displacement from wind and impact forces.
5. All necessary steps shall be taken to prevent people and stock from stepping into the post holes during the erection of the guide posts.

Details***Vertical Alignment******Backfilling******Proprietary Guide Posts******Contractor's Responsibility*****C263.07 DELINEATORS**

1. 'Corner Cubed' delineators, complying with AS 1906.2, shall be attached to each guide post using one way, anti-theft screws. In the case of proprietary posts, the delineators shall be glued or otherwise fastened to the post in such a manner that they are not dislodged or rendered inactive under vehicular impact.
2. The delineators shall be mounted so that the top of the reflector is 50mm below the top of the guide post.
3. The delineators shall be so arranged that drivers approaching from either direction will see only red delineators on their left side and white delineators on their right side.
4. Where Council Standard Drawings provide specific details in relation to the construction and location of guideposts the details of Council's Standard Drawings shall apply.

Fixing***Position******Arrangement******Council's Standards***



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SPECIAL REQUIREMENTS

C263.08 RESERVED

C263.09 RESERVED

C263.10 RESERVED

MEASUREMENT AND PAYMENT

C263.11 PAY ITEMS

1. Payment shall be made for all activities associated with completing the work detailed in this Specification in accordance with Pay Item C263.11(a).
2. A lump sum price shall not be accepted.
3. Traffic control is measured and paid in accordance with the Specification for CONTROL OF TRAFFIC.

Pay Item C263.11(a) GUIDE POSTS

1. The unit of measurement shall be 'each' guide post.
2. The schedule rate shall cover all costs associated with the erection of each post, including supply of post, erection, painting (if applicable), and supply and fixing of corner-cubed delineators.