



# Guidelines for Gates & Grids

# Guidelines for obtaining approval for a Gate/Grid

This document sets out Council guidelines regarding the installation of gates/grids. These guidelines should be read in conjunction with Council's Local Laws and Subordinate Local Laws relative to gates and grids.

## 1. OBJECT:

- The object of the local laws is to regulate the installation of gates and grids across public roads to ensure that they do not interfere with –
  - a) the safe movement of pedestrians and vehicles; or
  - b) the proper maintenance of the public road.

## 2. APPLICATION PROCEDURE:

- All applications shall be made in writing on the form provided and shall be accompanied by a plan of the road and the locality where such gate/grid is proposed to be erected.
- The application for a gate/grid shall be refused by Council if received without documentary evidence of public liability insurance.
- The Chief Executive Officer or Council's delegated officer is authorised to approve applications and issue approvals for gates/grids. The applicant is to be notified in writing of the outcome of the application and where the application is not approved, the reasons why.

## 3. REQUIREMENTS:

- Every gate should be constructed of steel or wire with reference to the Department of Transport and Main Roads drawings 1600 and 1601 and erected to the satisfaction of Council and shall provide an opening of not less than six (6) metres in width. The only other exception to this would be on a road where very low traffic volume exists. In this instance a gate of 3.6 metres in width is regarded as acceptable.
- Every grid shall be constructed of reinforced concrete and steel to the satisfaction of the Council and shall provide an opening of not less than 4.0 metres in width.

## 4. RESPONSIBILITY OF APPLICANT:

- An approval is perpetual provided that the approval holder maintains the gate or grid in accordance with the permit conditions and provides a copy of the Certificate of Currency for Public Liability Insurance to Council on an annual basis.
- If the approval holder fails to comply with such conditions, the approval shall lapse and the Chief Executive Officer may give notice to the person concerned for the removal of such gate/grid.

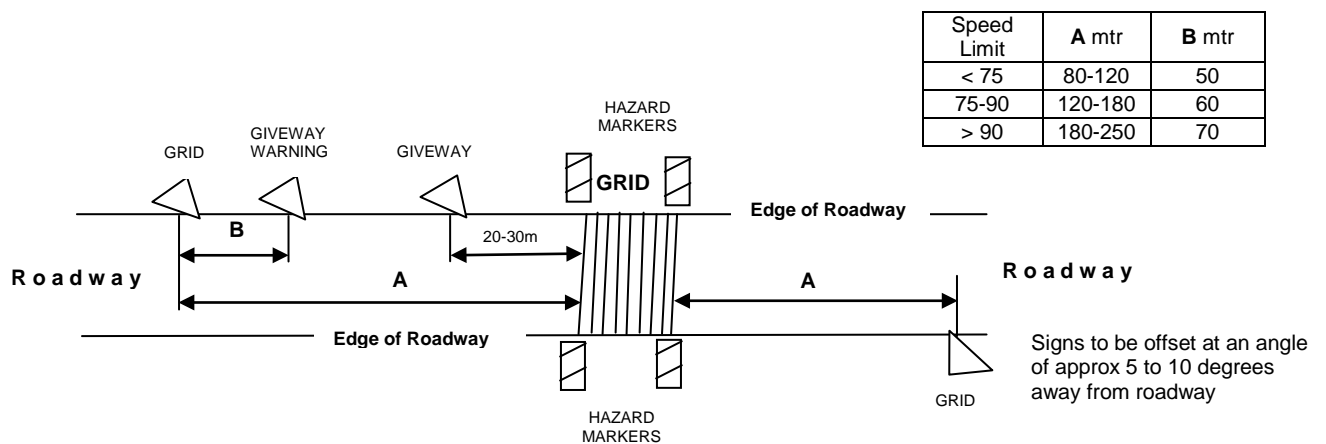
## 5. PUBLIC LIABILITY INSURANCE:

- The approval holder shall indemnify the Tablelands Regional Council against claims for injury, loss or damage that may result from the existence of the gate/grid and for this purpose shall take out and keep current at all times a public liability insurance policy to the value of at least:
  - \$10 million for gates
  - \$20 million for grids.
- Tablelands Regional Council may at its discretion allow for a reduced public liability insurance policy in the amount of \$10 million for grids where it can be demonstrated that the road is a low volume rural access road with limited heavy vehicle movements.
- **Tablelands Regional Council is to be named as an interested party in the insurance policy.**
- An application for approval for a gate/grid will not be accepted without a certificate of currency or a copy of the current insurance policy.
  - **The public liability insurance policy must be kept in force for the whole of the period that the approval covers. This information will be recorded in Council's register and proof of renewal of the insurance policy is to be provided to Council annually. Failure to provide Council with proof of renewal of the insurance policy may result in cancellation of the approval.**

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## 6. INSTALLATION OF SIGNS FOR MOTOR GRIDS ON COUNCIL CONTROLLED ROADS Reference - Manual of Uniform Traffic Control Devices (MUTCD)

- GRID SIGNS
  - on each side of the grid, at a distance between 80 - 250 metres; and
- ALL SIGNS
  - shall be placed on the left hand side of the road, just outside the table drain, so they do not obstruct the traffic flow, but will be visible at all times; and
  - signage should be slightly offset (away from the road) at approximately 5 degrees so that at night time, lights from vehicles will not be reflected back into the driver's eyes.
- GIVE WAY SIGN AHEAD
  - Used only if sight distance to Give Way sign is less than the lower limit given for "A".
  - A 'GIVE WAY' sign is placed on the approach to a one lane grid with priority traffic flow given to the approach with the lesser sight distance.



### Materials

- 2 x 'Grid' signs (W5-16B)
  - 1 x 'Give Way' sign (R1-2B)
  - 2 x 2.1m long galvanised post (50mm diameter)  
*The bottom of the post should be flattened and concreted into the ground to a depth of 900mm; the lowest part of the sign should be 1.5m above ground level.*
  - 3 x brackets
  - 3 x post caps
  - 2 x left hand hazard markers (D4-3AL)
  - 2 x right hand hazard markers (D4-3AR)
  - 2 x hazard markers D4-3(L): 2 x hazard markers D4-3(R).
- May be fixed to the grid supports or posts*

### Gate Signs as per MUTCD

- 2 x 600x600mm 'Gate' signs (W5-14A)
- 4 x 3.25m long x 50mm diagonal galvanised posts
- 2 x Caps
- 4 x TD1 Brackets

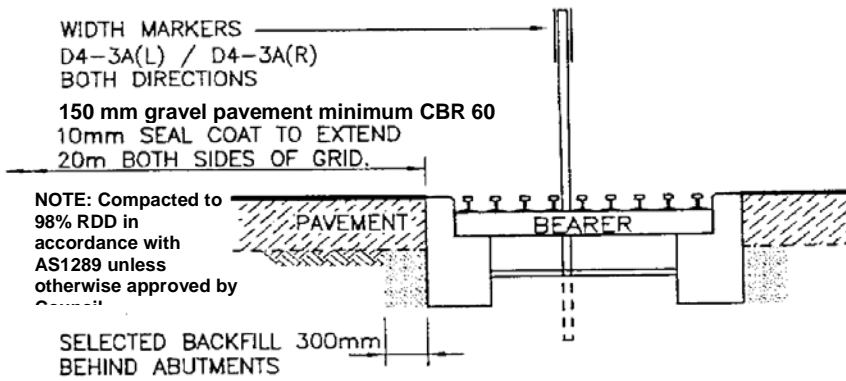
### Hazard Markers

Hazard markers are placed each side of the grid and may be attached to the wing structure, where installed, or onto firmly secured posts.

Where grids are 5 metres wide, and without wings, post mounted hazard markers could be placed centrally each side of the grid itself.

A left hand and right hand hazard marker are bolted back to back (using the double sided bracket) onto one (1) post. The two (2) posts are then installed.

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**SECTION B-B**



W5-16

W5-16 TO BE INSTALLED ON LEFT ROAD SHOULDER 100m IN ADVANCE OF GRID (BOTH APPROACHES).

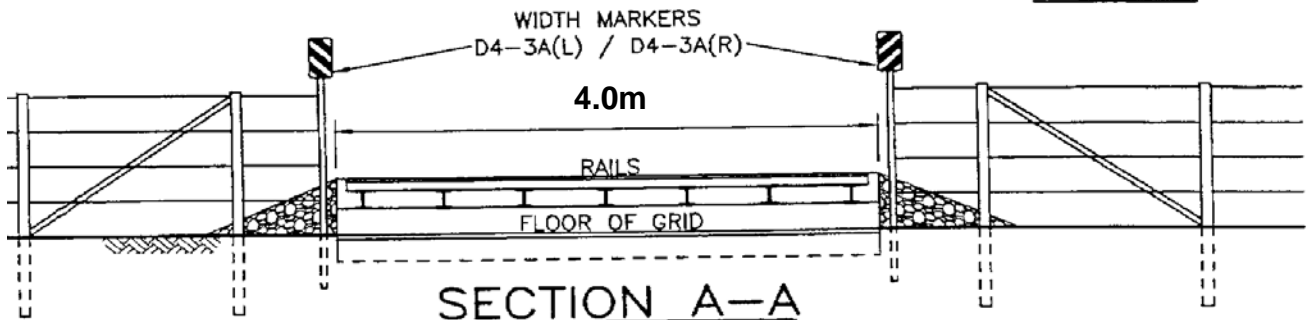


D4-3A(L)

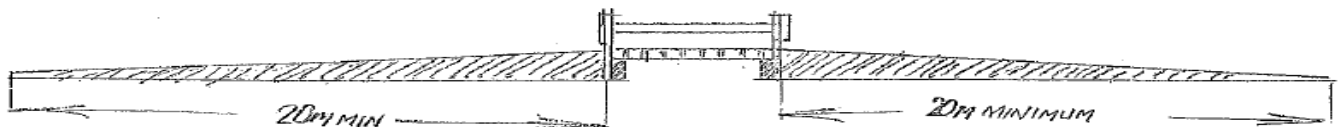
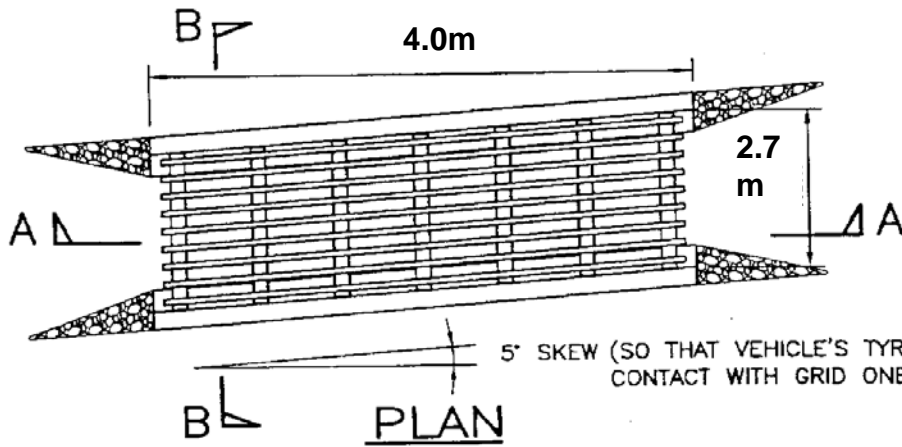
D4-3A(R)

WIDTH MARKERS TO BE INSTALLED AS SHOWN.

**SIGNS**



**SECTION A-A**



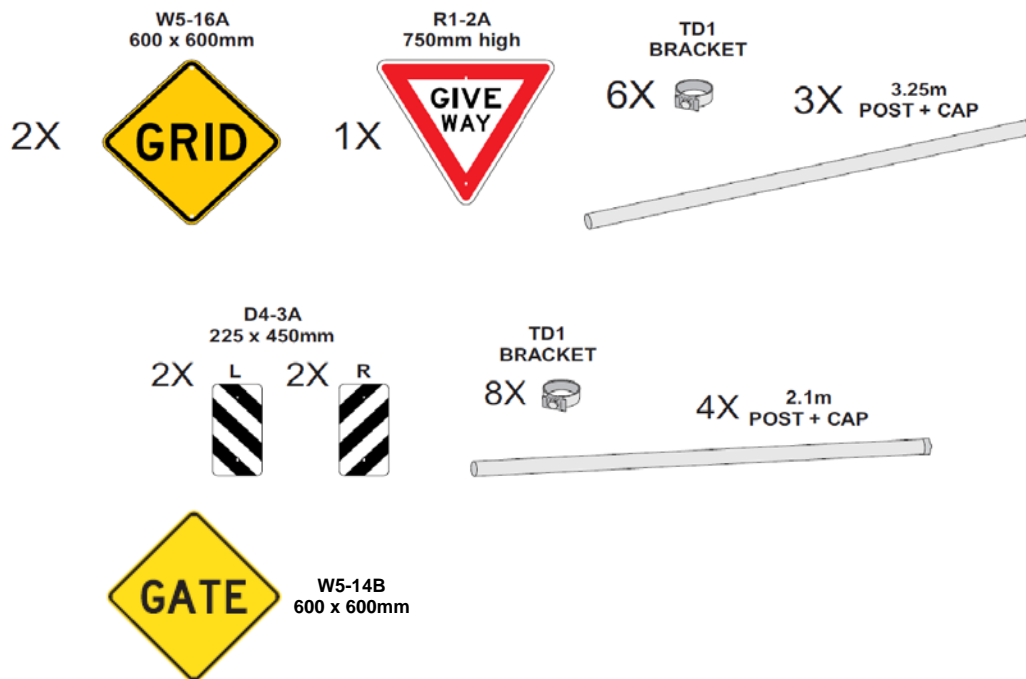
**EARTHEN RAMP APPROACHES FOR MOTOR GRID**  
COMPACTED TO 98% RDD

DESIGN VEHICLE LOADING SPECIFICATION: T44

<p>TABLELAND REGIONAL COUNCIL STANDARD DRAWING <b>MOTOR GRID</b> TO BE USED ON COUNCIL ROADS Min 4.0 x 2.7m</p>	<p>PLAN No <b>SR 27</b></p>	<p>AMEND</p>
	<p>DRAWN DESIGNED SURVEYED ENGINEER R.P.E.O. No: SCALE</p>	<p>J. GRAHAM RAY WEBB</p>

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## 7. SIGNAGE:



## 8. EXTRA INFORMATION:

### • Suppliers

The following companies can supply signs and posts:

- Allen's Tints & Signs (Atherton) Ph: 07 4091 4740
- Appleton Traffic Equipment (Townsville) Ph: 07 4779 7688
- Artcraft (Townsville) Ph: 07 4725 1288

### • Faded Signs

It is the property owner's responsibility to replace these signs when they are damaged, become faded or lose their reflectivity (can't be seen at night).

### • Construction Signs

When constructing your grid, you must notify Council when construction is to start and you should have the following warning signs at one hundred (100) metre intervals on both sides of the grid as per the diagram. If given enough notice, warning signs may be hired from Council.

### • Warning Signs

2 x Roadwork Ahead  
2 x Workmen Ahead and/or 2 x Road Plant Ahead

### • Detour

If a detour is to be constructed around the grid then the following signs will be required.

2 x Detour Ahead  
1 x Detour Left  
1 x Detour Right

### • Night Time

If the installation of the grid is to extend for more than one (1) day, then flashing orange lights must be installed on above-mentioned Construction Signs.