

Policy Title: **Gates & Grids on Local Roads**

Policy No: 262

Directorate: Engineering & Environmental Services

Responsible Officer: Brendan Pearce

Adopted Date: Technical Standing Committee Meeting – 08/07/2014

Review Date: 08/07/2016

VERSION	MEETING APPROVED	MEETING DATE	HISTORY
1	Technical Services Meeting	08/07/2014	New Policy

Authorities: *Local Government Act 2009*
Subordinate Local Law No1 (Administration) Schedule 28
Local Law No: 2 Section 14 Control of Animals 2011
Local Law No: 4 Subordinate Table 2(Gates and Grids) 2011
Queensland Transport – Manual of Uniform Traffic Control Devices Part 2
Queensland Transport – Roads Planning and Design Manual

INTRODUCTION

North Burnett Regional Council is responsible for management, maintenance and operation of all local roads in the North Burnett Region.

Council has the capacity to take all necessary steps for the construction, maintenance and improvement of roads and to regulate the use of the roads.

As such, Council must ensure that all existing and future grid structures do not prejudice the safety of vehicular and pedestrian traffic.

OBJECTIVES

1. Provide a policy to landholders about the construction and maintenance of grids on public roads;
2. Provide the basis for Council to assess the condition of existing grids; and
3. Establish guidelines and timeframes for landholders to comply with the requirements of the policy.

PRINCIPLES

1. Council recognises its legal obligation to maintain all roads under its control to a standard that allows for the safe and unimpeded movement of all traffic.
2. A grid solely provides the benefits to the adjoining landholder.
3. All grids must be constructed and maintained to the Council approved standard.
4. All new grids are to be submitted to Council on the "Grid Application" form to allow assessment of safety.
5. A grid application fee as set out in the "NBRC Fees and Charges" is to be charged to cover the costs of processing the application and inspection of the site.
6. An annual grid licence fee as set out in the "NBRC Fees and Charges" is to be included with the rates notices to recover costs of annual inspections and associated activities.
7. Width of the grid is to be determined by Road Classification and to be confirmed by onsite inspections.
8. The installation of grid signage to the required standard, as detailed in this policy, (Attachment A) is at the owner's cost.
9. Council will remove a grid at no cost to the owner, provided that the request is received from the grid owner within 60 days of them being advised of the condition rating. All costs associated with an application for the removal of a grid received after that time will be the responsibility of the grid owner.
10. Council staff will remove or repair any grid that is found to be defective, if ownership of the grid can not be established. The preferred option is removal.

New Grid Installations:

All new grids are to comply with the Grid Construction Standard. New grids installed on category 3 & 4 sealed roads are to be double grids irrespective of existing seal width. New grids installed on Category 5 sealed roads are to be single grids unless the existing grid is greater than 3.6m, then a double grid is required.

Existing Grid Upgrades:

Existing grids are to have the components upgraded to the current standard at the time the component is deemed needing replacement as per the condition assessment.

Responsibilities:

Requirement	Responsibility
A) Public gates and associated fencing are to be maintained in a safe and serviceable condition.	Landholder
B) Grids are to be maintained in a safe and serviceable condition	Landholder
C) On Unsealed Roads the approaches to the grid, are to be maintained free of defects to Council's standards for a distance of 5m from the grid edge.	Landholder
D) On Sealed Roads the approaches to the grid, are to be maintained free of defects to Council's standards	Council
E) Grids are to be inspected at least once every year and records in relation to the inspection are to be kept for a period of three (3) years from the date of inspection.	Council/District Supervisor or delegate

F) A register of all gates and grids is to be maintained.	Council/Technical Officer -Assets
G) Grids installed after the date of operation of this policy must comply with requirements of the standard grid design as detailed in this policy.	Landholder
H) All grids, regardless of installation date, must have signage complying with the Queensland Transport - Manual of Uniform Traffic Control Devices Part 2	Landholder

Application Fee:

Refer to Fees and Charges

Assessing Considerations:

The sites of all new grids are to be assessed on site by the District Supervisor before approval is given for the installation.

Onsite considerations:

1. Distance to a curve – Horizontal alignment
2. Distance to a crest – Vertical alignment
3. Road Category
4. Road Surface
5. Sight distance must not be less than:
 - a. 170m in a 100km zone
 - b. 115m in a 80km zone
as per Chapter 9 of MR Planning and Design Manual.

These will determine if:

- a. A Single grid is approved at the site.
- b. A Double grid is required at the site.
- c. A grid is not approved at the site.

Implementation:

1. An inspection of each grid is to be undertaken on at least a two yearly frequency by Council staff..
2. Each grid is to be given a condition rating in accordance with Table 1.
3. All condition assessments are to be forwarded to Technical Officer –Assets.
4. Any defect reports will be sent to the Grid owner for action.
5. If any grid maintenance issues arise as a result of routine road inspections, Council will contact the grid owner and issue a report as per Tables 1 & 2.
6. If works of an emergent nature are identified, Council will endeavour to contact the adjoining property, but reserves the right to affect such repairs as deemed necessary for public safety with all costs incurred being met by the grid owner.
7. Council will undertake repairs to grids if requested by the grid owner under a private works arrangement.
8. Council will establish ownership of defective grids by sending a letter to all adjacent landowners indicating that Council may remove the grid if an owner is not found.
9. Council may consider financial assistance in terms of a deferred payment program upon receipt of a written request.

Table 1: Grid Condition Rating Criteria		
Element	Assessment Criteria	Score
Signage	Some missing	4
	All present	1
Rail	Replace	5
	Poor	4
	Average	3
	Good	2
	New	1
Bearer	Replace	5
	Poor	4
	Average	3
	Good	2
	New	1
Abutment	Replace	5
	Poor	4
	Average	3
	Good	2
	New	1

Table 2: Grid Removal/Replacement/Repair Action of each Component		
Condition Rating	Remedial Action	Due Date
5	Replace or remove component in accordance with Attachment A	1 month from date of letter
4	Replace or remove component in accordance with Attachment A	3 months from date of letter
3	Monitor component	No action required
2	No action required	No action required
1	No action required	No action required

Construction Standards:

Single Grid

Constructed to Australian Standard AS5100 Bridge Design

- Minimum width across road 4m
- Minimum Length down road 1.8m

Example of a commercially available and abutment is the Aprilla grid – Model S13HOE

Double Grid

Constructed to Australian Standard AS5100 Bridge Design

- Double span Minimum width across road 7m
- Minimum length down road 1.8m

Example of a commercially available and abutment is the Aprilla grid – Model S22HOE

The Grid Condition Assessment Form:

The Grid Condition Assessment Form is ideally to be completed on a PDA but can be completed in paper format.

Grid Condition Assessment Form			
Road Name:		Chainage:	
Element	Assessment Criteria	Score	Tick Condition
Signage	Some missing	4	
	All present	1	
Rail	Replace	5	
	Poor	4	
	Average	3	
	Good	2	
	New	1	
Bearer	Replace	5	
	Poor	4	
	Average	3	
	Good	2	
	New	1	
Abutment	Replace	5	
	Poor	4	
	Average	3	
	Good	2	
	New	1	
Notes			

Inspected by: _____ Date: _____

Processed by: _____ Date: _____

Action: _____

