



POLICY: ENG-ES-003

PLACEMENT OF BOLLARDS ON VERGE AREAS

Purpose

The aim of this policy is to provide guidelines for the installation of bollards on verge areas.

Definitions

'Bollards' refers to a small post placed on the verge area to make the verge conspicuous to motorists.

Statement

All installations for bollards are to be at no cost to the Council. Any damage to the kerb, footpath or any other section of the verge shall be repaired to the satisfaction of the Director Engineering Services at the applicant's/installer's expense. The Council offers no guarantee that bollard installations will not be disturbed by future service authority or public works. In the case of future disturbances the property owner will be liable for the cost of the bollard reinstatement. If it is deemed that the bollards are no longer necessary Council reserves the right to remove the bollards at the applicants cost.

1. Bollards in Association with Alfresco Dining

1.1 Bollard applications will be considered where they are in conjunction with an application for alfresco dining or where alfresco dining has been previously approved.

Responsible Officer:	Manager Engineering Services	Version:	1.01
Adopted:	26 May 2008	Last Review:	22 November 2010
Distribution:	City of Kalgoorlie-Boulder Website, Policy Register		
Last printed:	18 January 2016	Page:	1 of 4
<i>Uncontrolled document when printed</i>			

- 1.2 Bollards will only be permitted where there is sufficient space for pedestrian movement and for the total number of approved alfresco dining tables and chairs, and where they do not impede vehicular movements.
- 1.3 Bollards shall be placed no closer than 500mm to the kerb line where there is no parking or parallel parking and 700mm from the kerb line where there is angle parking and bollards shall be placed in a single line parallel to the primary kerb alignment.
- 1.4 A minimum 2m wide pedestrian corridor shall be maintained between the property line and the alfresco dining area.
- 1.5 Bollards shall comprise a circular section with diameter between 100mm and 200mm and maximum height above pavement of 1200mm and with capped tops so that the bollards pose no risk to the public to the satisfaction of the Director Engineering Services.
- 1.6 The spacing of the bollards is to be approved by Council but shall be a minimum of 1200mm.
- 1.7 The sleeve caps are not to protrude above the surrounding surface. When the bollards are not in place the sleeves are to be capped.
- 1.8 If removable the bollards shall be satisfactorily secured when in the sleeve by an approved locking device.
- 1.9 Bollards may be connected by chains, or by any other means, subject to consideration of pedestrian movement.
- 1.10 The bollards are required to be painted and styled to complement the building with which they are associated to the satisfaction of Council and the use of manufacturer supplied products will be encouraged.
- 1.11 Bollards shall not be placed on any traffic island, nib or localised verge protrusion beyond the primary kerb alignment which comprises a traffic control device.
- 1.12 At locations where no embayed or angled parking exists, sections of roadway adjacent to kerbside bollards shall be signposted as 'No Standing Zones'.
- 1.13 Bollard material shall comprise 3mm gauge steel tube, filled with concrete to within 200mm of top and set within minimum footing of 400mm width and 900mm depth.

- 1.14 The applicant is required to gain written clearance from all service authorities and comply with conditions advised, prior to installation of bollards.

2. Bollards for the Protection of Business Premises

2.1 Removable Bollards

- 2.1.1 For the protection of business premises, removable bollards may be installed in front of the premises' doors, as close as possible to the building line.
- 2.1.2 The spacing of the bollards is to be approved by the Council but shall be a minimum of 1200mm and with capped tops so that the bollards pose no risk to the public to the satisfaction of the Director Engineering Services.
- 2.1.3 Bollards are only to be placed parallel to the property line.
- 2.1.4 Bollards shall comprise a circular section with diameter between 100mm and 200mm and maximum height above pavement of 1200mm.
- 2.1.5 The sleeve caps are not to protrude above the surrounding surface. When the bollards are not in place the sleeves are to be capped.
- 2.1.6 If removable, the bollards shall be satisfactorily secured when in the sleeve by an approved locking device.
- 2.1.7 The business proprietor shall accept responsibility for the removal and storage of bollards during normal business hours.
- 2.1.8 The bollards are required to be painted to complement the building with which they are associated, to the satisfaction of Council.
- 2.1.9 The bollards are not to be connected by any means at any time.
- 2.1.10 The applicant is required to gain written clearance from all service authorities and comply with conditions advised, prior to installation of bollards.

2.2 Permanent Bollards

- 2.2.1 For the protection of business premises bollards may be installed in front of the premises in line with the veranda posts where there is no parking or parallel parking and 700mm from the kerb line where there is angle parking.

- 2.2.2 The spacing of the bollards is to be approved by Council but shall be a minimum of 1200mm.
- 2.2.3 Bollards shall comprise a circular section with diameter between 100mm and 200mm and maximum height above pavement of 1200mm and with capped tops so that the bollards pose no risk to the public to the satisfaction of the Director Engineering Services.
- 2.2.4 Bollard material shall comprise 3mm gauge steel tube, filled with concrete to within 200mm of top and set within minimum footing of 400mm width and 900mm depth.
- 2.2.5 Bollards are to be painted to match the veranda posts and shall be finished with a domed top.
- 2.2.6 The bollards are not to be connected by any means at any time.
- 2.2.7 The applicant is required to gain written clearance from all service authorities and comply with conditions advised, prior to installation of bollards.

3. Information to be Provided With an Application for Installation of Bollards

- 3.1 An application for the installation of bollards is to be in writing addressed to the Chief Executive Officer and accompanied by the information outlined in this section.
- 3.2 A scaled site plan illustrating the dimension of the verge, the location of the footpath, any existing verge features (i.e. power poles, telephone poles, fire hydrants, park benches and rubbish bins), street trees, on-street parking and the proposed location of bollards and/or chains.
- 3.3 The type of bollard proposed, including size, colour, style and material of construction. A scaled plan is required and a manufacturer's brochure of possible.
- 3.4 Furnish proof, upon approval, from an insurance company approved by the Council of public liability insurance, in the joint names of the Council and the person, indemnifying the Council against any claim for damages which may arise in or out of the construction, maintenance or use of bollards to a value determined by Council from time to time (\$10 million).

Relevant Documents