

 FORM	KERB CROSSOVER / CROSSING PLACE APPLICATION	Form #	6.1217 3
		Reviewed:	1 February 2019

Applicant Details

Name:	
Postal Address:	
Mobile:	
Email:	

Kerb Crossover: section of stand up kerb that is removed and replaced with mountable concrete for vehicle access

Crossing Place: section of road reserve from the property boundary to the back of the kerb that is used to enter a property via a vehicle

Declaration

I/We (applicant) _____

hereby make application to the District Council of Ceduna (Council) for the purposes of installing a

Kerb Crossover and/or Crossing Place

at (property address) _____

In support of this application, I/we attach a plan containing the following:

- Proposed location of the Kerb Crossover and/or Crossing Place;
- Dimensions of new Kerb Crossover (Council to supply one (1) only standard 4.5 metre Kerb Crossover free of charge);
- Dimensions of new Crossing Place (to include cross section, default is standard 4.5m);
- North point;
- Road or street name;
- Proposed location of access in relation to existing roadway and property boundary;
- Location of existing trees;
- Distances to the road/street corner(s);
- Location of footways (if applicable);
- Utility Service Authority Assets & Locations, Example: SA Water Mains Water & Sewer Lines, Telstra Cables, SA Power Networks Cables and National Broadband Network (NBN) Cables.

I/We, also acknowledge that if a Crossing Place is installed, that I/we are responsible for that Crossing Place including ongoing maintenance and any costs associated with reinstatement of the Crossing Place (other than natural earth) should the Crossing Place be required to be removed by any Utility Service Provider or Council.

Signed:			
Name:		Date:	

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SPECIFICATION FOR THE CONSTRUCTION of a Kerb Crossover and a Crossing Place

1 Scope of Specification

1.1 Kerb Crossover

This specification is for the construction of a mountable concrete vehicular access at the kerb line. All work must be performed in accordance with this specification.

1.2 Crossing Place

This specification is for the construction of vehicular access way from the edge of the kerb to the property boundary. All work must be performed in accordance with this specification.

2 Preliminary Clauses

2.1 Workmanship and Materials

The whole of the work shall be executed in a thorough manner to the satisfaction of the Manager Infrastructure & Engineering Services or their delegate.

All materials to be used in the construction of the work shall be new and made available for inspection prior to and during the construction activities upon request by the Manager Infrastructure & Engineering Services or their delegate.

Should any of these materials fail to meet the requirements of this specification, the Manager Infrastructure & Engineering Services or their delegate has the authority to order these materials to be removed from the site at no cost to the Council.

2.2 Variations from Specification

No variation from this specification shall be permitted without written approval from the Manager Infrastructure & Engineering Services or his/her delegate.

2.3 Water for Work

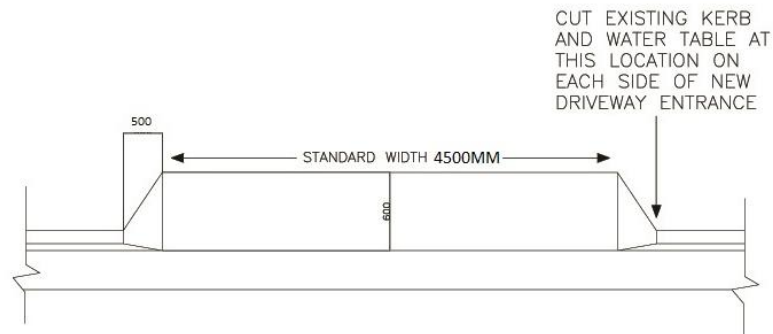
All water used on the work shall be clean and free from all impurities of all kinds. Arrangements for the supply of water shall be made by the property owner at their own expense.

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2.4 Setting Out

2.4.1 Kerb Crossover

For the removal of the existing kerb section, a saw cut at either end and at the invert of the water table.



PLAN VIEW OF STANDARD VEHICLE CROSSOVER

2.4.2 Crossing Place

For a single invert the crossing is to be the full width of the invert tapering to a minimum width of 3metres at the fence line.

Where a footpath exists, the crossing shall be graded from the fence line to the path and the path to the invert. Where no footpath exists, the back of the footpath levels will be provided upon request, although in flat terrain a level of 100mm above edge of road is normally satisfactory.

2.5 Cleaning Up

At all times the job must be kept clean and tidy and free from all surplus materials, spoil and debris of all kinds.

All surplus earth, clay and excavated material from the job shall be removed from the site and disposed of by the owner or contractor, unless otherwise requested.

3 Excavation and Backfill

3.1 Excavation

The whole of the area of the crossing shall be excavated or filled as required to provide an even working base on which to place concrete. The depth of excavation shall be sufficient to ensure that the correct concrete thickness and grade is obtained.

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3.2 Subgrade

The subgrade shall be free from organic matter or other deleterious material detrimental to the long term strength or stability of the material.

3.3 Base course and Sub Base

The base course shall be hard, durable crushed rock, base course or quarry rubble or other suitable material which is clean and free from any deleterious matter, from weathered, cracked, disintegrated or decomposed stone, and from thin, flaky or excessively elongated stone fragments.

The base course shall be thoroughly compacted (95% mod. AS1289 E2.1 compaction to a thickness as specified in table A). Material to comply with Department of Planning, Transport & Infrastructure (DPTI) Specification PM32 (Class1) base course, PM21 Class2) sub base course.

4 Materials

4.1 Concrete

Ready mixed concrete conforming to the standards outline shall be used:

- To be nominal 4:2:1 mix with a minimum 28 days strength of 25 MPA
- 80mm maximum slump using ordinary Portland cement, maximum aggregate size is 20mm.

Concrete slabs shall be reinforced with steel fabric (as specified in Table A) and placed 40mm below the top of the slab.

The surface should be finished with a wood float and steel edging tool used on joint and edges.

Concrete slabs shall be protected from sun and vehicle loading during the first seven days of curing.

4.2 Bitumen Hotmix

Bituminous Hotmix shall consist of either AC 7mm, or AC 10mm or AITCH 14 as per Department of Planning, Transport and Infrastructure Standard A7.

Table B outlines required thickness for various applications.

4.3 Pavers or Other Materials

If pavers or other material are to be used, then approval on the type, colour and texture of the paver or other material shall be obtained from the Council prior to any work commencing.

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5 Sketch/map of location required

Please attach a sketch or map to application. Within the map, indicate distances from the boundary of the allotment and approximate width required. Show allotments or street numbers of adjoining properties if known.

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TABLE A – Concrete Slabs/Driveways

LAND USE	BASE COURSE	SLAB THICKNESS	REINFORCEMENT
Residential	150 mm	125 mm	F62
Commercial, inc. car parks	200 mm	150 mm	F72
Industrial	250 mm	200 mm	F82

TABLE B - Hotmix Driveways

LAND USE	BASE COURSE	PAVEMENT THICKNESS
Residential	125 mm	40 mm
Commercial, inc. car parks	200 mm	50 mm
Industrial	250 mm 2% CTQR	80 mm

NB: (CTQR) 2% Cement Treated Quarry Rubble, parent materials to comply with Department of Planning, Transport & Infrastructure Specifications PM21 (Class2).

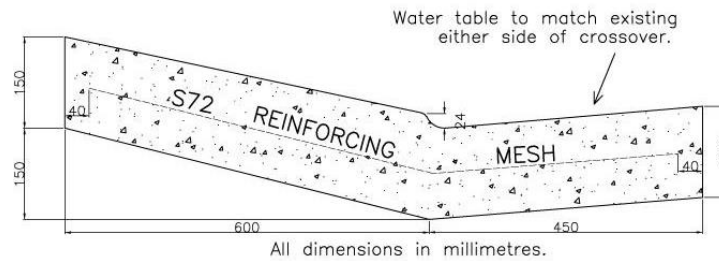
TABLE C - Block paving driveways

LAND USE	SUB BASE	BASE	BLOCK PAVER THICKNESS
Residential	125 mm	30 mm - sand	70 mm
Commercial	200 mm	30 mm - sand	70 mm
Industrial	250 mm	30 mm - sand	90 mm

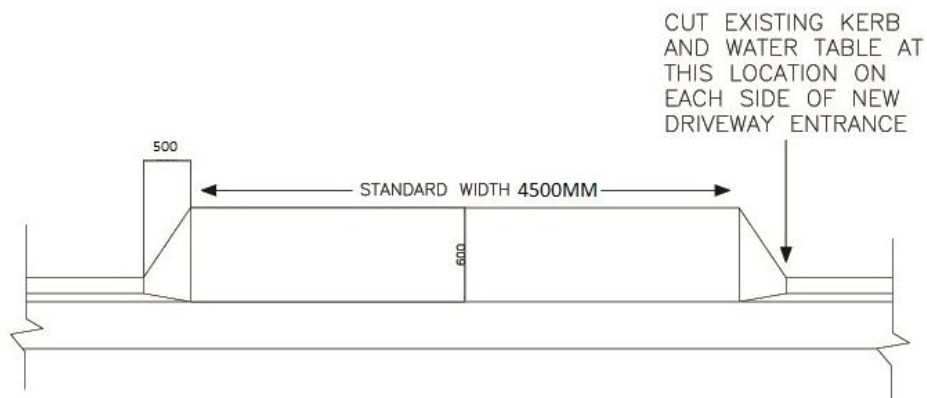
NB: Laying of Pavers – to follow and adhere to the paver supplier's technical specification

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STANDARD KERB CROSSOVER



1. All concrete to be compressive strength of 25mpa after 28 days.
2. Dimensions shown are for residential crossovers.
For industrial or commercial type application refer to Table A
3. Cover to all reinforcement to be 40mm minimum



PLAN VIEW OF STANDARD VEHICLE CROSSOVER

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TYPICAL DRIVEWAY CROSSING PLACE

