

*PLEASE RETAIN FOR YOUR REFERENCE. DO NOT SEND BACK TO COUNCIL WHEN SUBMITTING APPLICATION.*



**TOWN OF COTTESLOE**

**CONSTRUCTION OF A STANDARD TYPE RESIDENTIAL  
BRICK PAVED VEHICLE CROSSING  
Specifications**

**1. SPECIFICATION SUMMARY**

**(a) Shape**

As per the attached drawing.

**(b) Levels**

The levels at the boundary line and road are to be set by the Council prior to any works commencing.

**(c) Paving Bricks**

Paving bricks shall be trafficable pavers of either approved clay or concrete, with a minimum thickness of 60mm. All paving bricks must be approved by the Council prior to works commencing.

**(d) Sub-Base**

Minimum 100mm thick crushed limestone or road-base.

**(e) Kerbing**

Semi-mountable or barrier kerbing must be removed and replaced by a 900mm concrete apron as per attached drawing.

**(f) Council Inspections**

Must be inspected after box out and laying and compaction of sub-base, prior to laying bricks and again on completion.

**(g) Angle to Kerb**

Crossover must be constructed at right angles to the kerb. Any difficulty in achieving this should be discussed with Council's Work Supervisor, who can be contacted on 9384 2362, prior to commencing work.

**(h) Public Services**

Any conflicting public utilities must be adjusted or relocated at the owner's expense. It is the owners/developers responsibility to locate underground services and arrange adjustment and relocations of the services, including upgrading existing manhole covers to trafficable covers.

**(i) Street Trees**

Crossovers shall not be constructed within 1.5m from the edge of any tree.

## **2. CONSTRUCTION DETAILS**

### **(a) Removal of Kerbing**

Where kerbing is in place at the crossing entrance, the kerb must first be removed and replaced with a standard apron and married into the existing kerblines.

The asphalt road surface must be reinstated where necessary, where it joins the new crossover. This includes cutting out the reinstated area, recompacting the roadbase and installing a 25mm layer of asphalt.

### **(b) Sub-Base**

A minimum compacted thickness of 100mm crushed limestone or road base is required. The sub-base surface shall be trimmed to an even surface to conform with the finished surface levels.

### **(c) Sand Bedding**

A sand bedding of 20mm compacted thickness is required between the subbase and the paving brick. The bedding sand shall be well graded concreting sand passing a 5mm sieve. Bricklayers sand and single sized dune sands are not suitable.

### **(d) Edge Restraints**

Edge restraints shall be provided along the perimeter of all paved areas. The edge restraint shall be as per the attached drawing.

### **(e) Laying Pattern**

Paving bricks to be laid in the herringbone pattern. Where square bricks are used, they shall be paved in the stretcher bond pattern.

### **(f) Compaction and Joint Filling**

After laying, the bricks should be immediately compacted and brought to level by not less than three passes of the vibrating plate compactor. The plate should have sufficient area to simultaneously cover 12 bricks. As soon as possible after compaction, sand for joint filling should be broomed over the pavement and into the joints. Excess sand should be removed as soon as joints are filled.