



Richardson Place
PO Box 124
Roxby Downs SA 5725
Phone 08 8671 0010
roxby@roxbycouncil.com.au
www.roxbydowns.com

APPLICATION TO PAVE FOOTPATH CROSSOVER

Approval is sought for a paved footpath crossover to be constructed at: -

No: Street:, Roxby Downs.

Owner(s) Name:

Postal Address:

Email:

Phone: (hm) (wk)(mobile)

Date:

Crossover particulars

1. Paving material – concrete/paving bricks:
2. To be constructed by:
3. Builder's Licence number:
4. Please attach a Sketch and / or photo showing proposed Crossover location.
Note: This application cannot be processed without this Attachment.

I/We, the undersigned owner(s) of the property, accept that:-

1. All work to be carried out shall be at my/our expense;
2. The crossover will be constructed to the specifications shown on Council Drawing
3. I/we will comply with all conditions attached to this application form.

Owner(s) signature(s)

Please forward the completed form to: -

Roxby Downs Council
PO Box 124
Roxby Downs, SA, 5725

Or: in person to the:

Roxby Downs Council Offices
Richardson Place, Roxby Downs

OFFICE USE ONLY	
Inspection Carried Out	
Date:
Officer:
Sign:

**SPECIFICATIONS FOR THE CONSTRUCTION OF
CONCRETE OR BRICK PAVED VEHICULAR FOOTPATH CROSSOVERS**

A. SCOPE OF SPECIFICATIONS

This specification is for the construction of concrete or brick paved vehicular access ways from the edge of kerb to the property boundary. All works must be performed in accordance with these specifications.

The Municipality of Roxby Downs will not carry out this work and no contribution will be paid by the Council towards the cost.

If the proposed driveway requires the construction of a new kerb crossover, this work must be performed by a licensed contractor with the necessary qualifications and with Public Liability Insurance. Construction of this new kerb crossing will be wholly at the property owners' expense.

B. PRELIMINARY CLAUSES

B1 Workmanship and Materials

The whole of the works shall be executed in a thorough manner to the satisfaction of the Council. All materials to be used in the construction of the works shall be made available prior to and during the construction activities if requested by the Council. Should any of these materials fail to meet the requirements of the specifications, the Council has the authority to order the non-conforming materials to be removed from the site at no cost to Council.

B2 Indemnity and Insurance

The property owner shall fully exonerate and indemnify the MUNICIPALITY of ROXBY DOWNS from all liability for any loss, damage or expense that may be suffered or sustained by any person, including the property owner, by reasons of such person having access to the construction area. In respect hereof, the property owner shall arrange and keep current an appropriate public liability insurance policy for a minimum value of twenty (20) million dollars.

B3 Variation from Specification

No variation from this Specification will be permitted without written approval from Council.

B4 Safety

The Contractor shall supply, erect and maintain all warning signs, barriers lamps etc., as may be necessary to alleviate the possibility of damage or mishap to persons or vehicles using the area on which construction is proceeding.

All care must be taken to reduce the risk of mishap to all parties. Should the Council determine that the protection provided is inadequate, Council may order additional protection to be installed at the property owners cost.

B5 Water for Works

All water used on the works 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.

B6 Setting Out

The crossing is to be the full width of the invert and a minimum width of 3 metres at the property boundary line.

Where a footpath exists, the crossing shall be graded from the property boundary line to the path and the path to the invert at a minimum gradient of 1:40 (i.e. 25mm per metre). At the property boundary line the finished concrete level shall be at a minimum height of 100 millimetres above top of kerb level.

Where no footpath exists the drive way level at the property boundary line shall be constructed at a gradient of 1:40 (i.e. 25mm per metre) or at a minimum height of 100mm above top of kerb level. Any variation in minimum gradient or level will not be permitted without the prior written approval of the Works Manager.

B7 Approval

Approval for a concrete or brick paved crossover will not normally be given if kerbing does not exist.

C EXCAVATION AND BACKFILL

C1 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.

C2 Fill

Where over-excavation occurs, or filling is required to raise the base to the required level, up to 75mm of compacted 20mm quarry rubble shall be laid on a compacted sand bed or sub base prior to pouring concrete or laying brick pavers. Where brick pavers are to be laid a finishing bed of clean, compacted bedding sand laid to a depth no greater than 30mm shall be used.

C3 Excavated Material

Soil from the excavation may be used for backfill around the completed concrete works, to blend in with the natural surface. This backfill shall be compacted by a mechanical compacter, rolled or watered in and tampered by foot. Surplus excavated material shall be removed from the site, which shall be left clean and tidy to the satisfaction of the Councils Works Manager.

C4 Landscaping

All landscaping affected by any works shall be reinstated to its pre-existing condition at no expense to Council and to the satisfaction of the Works Manager.

D CONCRETE

PLEASE NOTE: Prior to the commencement of pouring concrete, Council requires notification of at least 24 hours beforehand to allow an inspection to be carried out.

D1 Materials

Concrete shall be Type premium blend cement, complying with Australian Standards AS1315. All cement which has been damaged in transit or storage, or has been exposed to moisture shall be removed from the site immediately.

The fine aggregate shall be clean sand, free from loam, clay, salt, vegetable matter, dust or other impurities.

The coarse aggregate shall be 20 mm clean crushed rock or other approved stone screenings, free from loam, soft particles and foreign matter. Both fine and coarse aggregates shall comply with Australian Standard AS2758 Part 1-1985.

D2 Concrete Strength

Concrete shall have a minimum compressive strength of 25 MPa after 28 days. Council reserves the right to order removal and replacement of all concrete failing to meet this requirement at the property owners' expense.

D3 Slab Thickness and Reinforcement

The crossing shall be a minimum of 125 mm thick with F72 reinforcing mesh placed centrally. Industrial crossings or crossings which are intended for use by heavy load vehicles should be designed and constructed to suit the proposed requirements. (NOTE: The minimum thickness of concrete for commercial/industrial footpath crossovers shall be 150mm).

D4 Placing of Concrete

The concrete shall be mixed, transported, placed and compacted as rapidly as possible. The concrete shall be compacted by either a concrete vibrator or by manual prodding. Concrete shall not be poured when the ambient temperature expected for the day of the pour is less than 5 degrees Celsius or greater than 35 degrees Celsius unless approved by the Works Manager.

D5 Screeding

Immediately following pouring and compaction of concrete, the work shall be screeded using either an aluminium or timber screed.

D6 Surface Finish

Immediately after screeding the concrete in accordance with this Specification, the surface shall be steel trowel finished.

Following finishing with a steel trowel the concrete shall be given a transverse, medium coarseness, non-slip, nylon broom finish. The side and edges of the concrete shall be formed with an edging tool to provide the approved neat finished appearance after the stripping of formwork.

D7 Expansion & Contraction Joints (Construction Joints)

Full depth expansion joints shall be provided as per specifications and along both sides of driveway footpath connection.

Expansion joints shall be provided with full depth pre moulded expansion filler (bitumen impregnated fibre board, impregnated canite foamed materials or another nominated expansion joint product) which shall be approved by Council prior to its use and be of a minimum of 20mm in thickness.

Tooled contraction joints and expansion joints shall also be treated with an appropriate grooving tool.

Addition of mortar topping or driers shall not be allowed.

D8 Curing

All newly completed concrete shall be kept moist and protected from weather and other damage, by an approved method such as covering with wet Hessian or a plastic membrane. This cover shall be weighted and properly kept in position to provide protection against any likely form of physical damage, foot traffic or otherwise.

E CONSTRUCTION STANDARDS

The general thickness of any sample taken from the slab must measure not less than the specified thickness of the slab.

Any section of the work not complying with the standards specified shall be removed and replaced by acceptable work at the sole expense of the property owner.

F BRICK PAVING

Pavers shall be of Clay or Brick "Armorlok" Pavers or similar 80mm thick, of a standard colour.

A 75 mm layer of compacted 20mm quarry rubble is to be laid followed by a finishing bed of clean, compacted bedding sand laid to a depth no greater than 30mm shall be used as a base for the brick pavers. Concrete used as either a seen or hidden haunching or border shall have a minimum compressive strength of 25 MPa after 28 days. Council reserves the right to order the removal and replacement of all concrete borders or haunching failing to meet this requirement at the property owners' expense.

NOTE: brick paved driveway crossovers will not be approved for Commercial or Industrial property crossovers without the submission by the applicant of a detailed design and specification certifying that the proposal is "fit for purpose".

G GENERAL CONDITIONS

- G1** Council accepts no responsibility or liability for damage caused to the crossing. The property owner shall maintain the crossing in a safe condition at all times as required by Council.
- G2** Where steep grades and sloping driveways are involved the Councils Works Manager may arrange for finished levels to be provided.
- G3** On corner blocks, no crossing shall be closer than 6 metres to the true intersection point of boundary alignments.
- G4** Driveway crossing place cross falls shall be constructed at the same gradient slope as the kerb water-table grade immediately adjacent to the driveway entry.
- G5** Councils Water and Sewerage Branch may have a top stone inspection point for sewer connection or a water meter adjacent to the fence line on the corner of the property. Applicants shall check to ensure that this Council property will not be covered by your concrete paving or brick pavers.

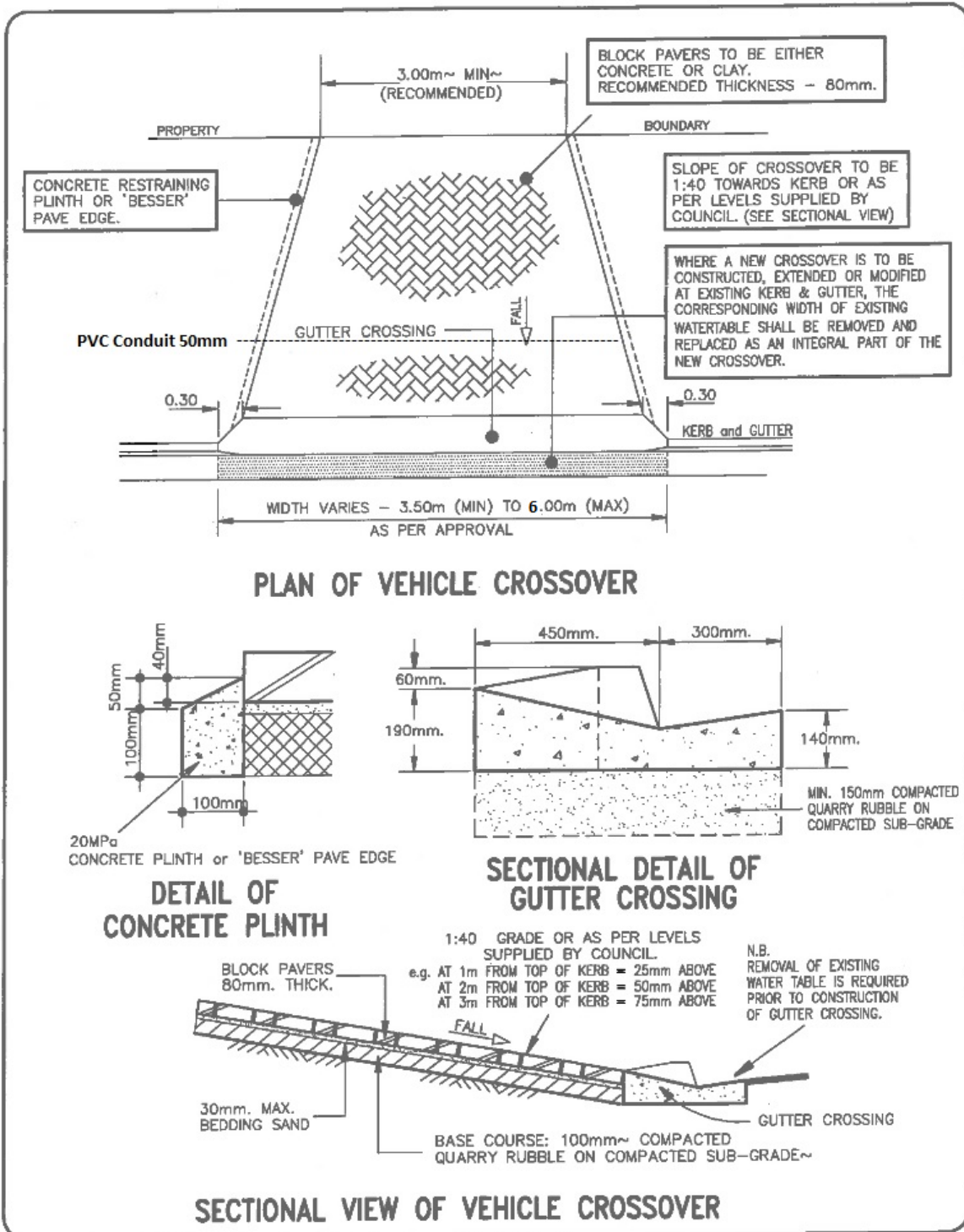
If it is likely to be covered the Council shall be requested to raise the top stone inspection point or water meter. If there is any obstruction created to access to this Council property the Council will take the action needed to reinstate access and charge you for the work accordingly. This may involve cutting and damaging the concrete.

- G6** Telstra may wish to install a conduit under the driveway to accommodate future works at no cost to the owner. To avoid cutting the concrete in the event of a cable being required in the future the owner is therefore advised to contact Telstra on ph. 13 22 00. Prior to work commencing.
- G7** **Note:** Where a driveway crossing place has been installed without Council approval or at a location other than an authorized crossing point Council may order that the area be reinstated to its previous condition at the expense of the property owner.
- G8** in all cases a 50 mm diameter P.V.C. conduit shall be placed under the crossover between the line of the footpath and the kerbing to provide for an irrigation line. The conduit should protrude at least 300 mm from each side of the crossover. The Council shall be notified prior to the construction works and their personnel will arrange for the irrigation line, if present, to be cut, passed through the conduit and re-joined so as not to interrupt the watering of trees and shrubs.
- G9** Origin Energy should be contacted on 13 24 61 to locate and give permission to dig near their services.
- G10** Where, as a result of Council works damage to a crossing place occurs Council shall only repair areas damaged by them with standard concrete or standard type paving bricks.

The property owner will be responsible to match up any non-standard colours or patterns at no expense to Council.

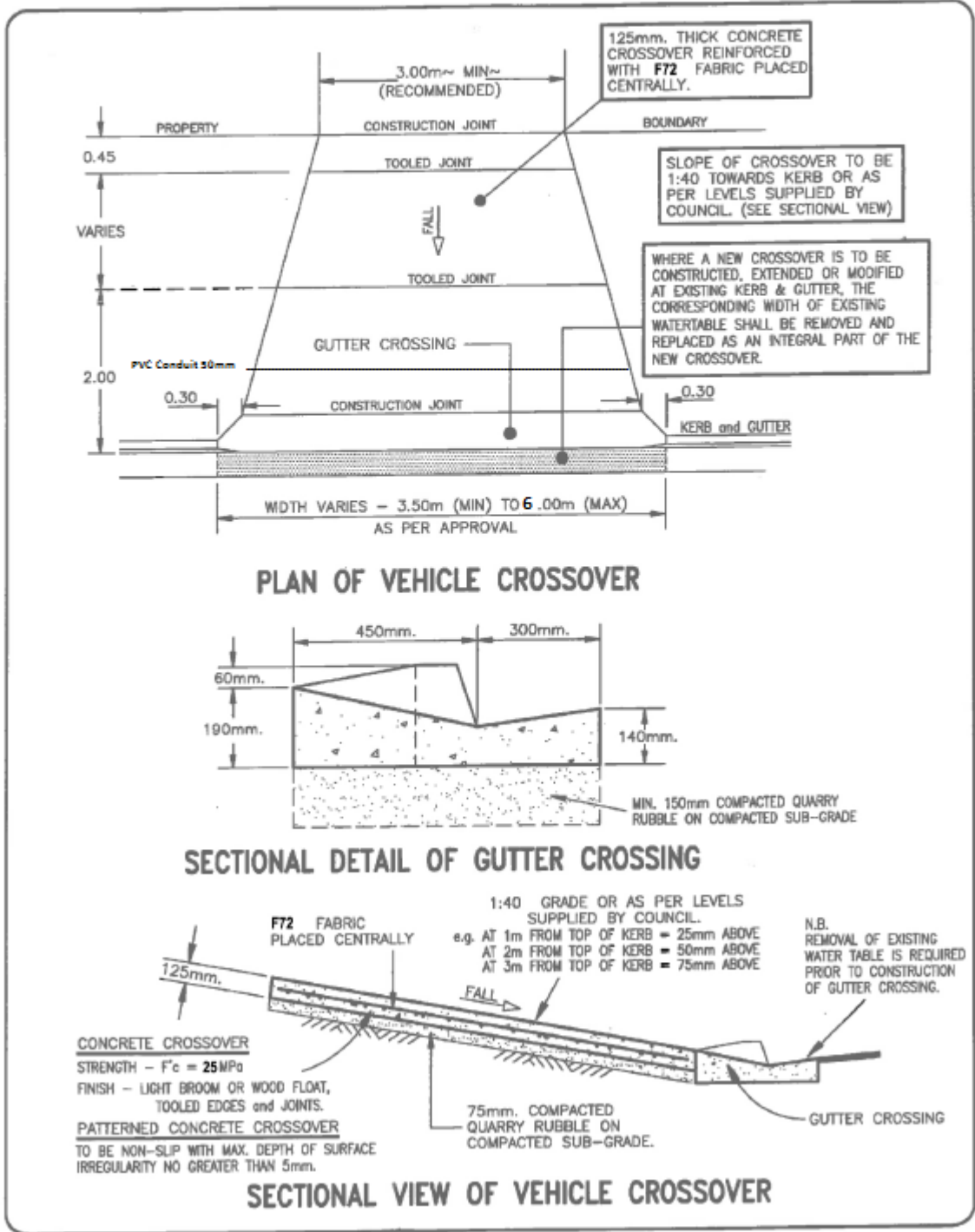
ROXBY DOWNS COUNCIL

**BLOCK PAVED
VEHICULAR CROSSOVER**



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CONCRETE VEHICULAR CROSSING



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PERMISSIBLE CROSSING PLACE LOCATIONS

