

NOTES

1. Concrete detail.

TYPE	REINFORCEMENT	DEPTH OF SLAB
Residential	SL82	185mm
Commercial	SL92	215mm
Industrial	SL92	230mm

Concrete strength: 32 MPa at 28 Days.
Place reinforcement 50mm above crushed rock base, on bar chairs.
Surface finish: Trowelled and grooved at changes of grade.

2. Residential, commercial and industrial vehicle crossings.

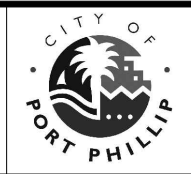
FOOTPATH RESERVE WITH NATURE STRIP		
D	B*	C
Existing footpath reserve width	Dimension B and C are governed by the existing footpath and nature strip widths. Material: Asphalt* or concrete to match footpath material.	Material: Concrete to match colour of kerb and channel.

FOOTPATH RESERVE WITHOUT NATURE STRIP		
If D is less than 1.75m	Construct entire vehicle crossing with a single grade from property line to invert of channel. Use splay from property boundary with 0.5m offset instead of radius. Material: Construct entire vehicle crossing in concrete to match colour of footpath.	
If D is between 1.75m and 2.25m	Varies	0.75m
If D is between 2.25m and 5.00m	1.50m	Varies
If D is greater than 5.00m	Varies	3.50m
	Material: Asphalt* or concrete to match footpath material.	Material: Concrete to match colour of kerb and channel.
B* If section B of the crossing is to be constructed in asphalt, then rebate concrete by 40mm (min.) to allow for asphalt wearing course. For residential: use size 7, Type L asphalt. For kerbside trading: use size 7, ultra fine, high point load dense graded asphalt. For heavy duty commercial: construct entire vehicle crossing in concrete to match colour of footpath.		

- Each of the relative grade changes between the road, section C, section B, and inside the property line shall not exceed 12% in accordance with AS2890.1.
- All crossings shall have a minimum rise of 150mm from the channel invert to the property line.
- If reverse fall is required, design of vehicle crossing to be on a site specific basis.
- Concrete colour:
 - The colour of concrete is to be charcoal coloured unless otherwise specified by Council.
 - For charcoal coloured concrete use 10kg "Black Oxide" Bayer 318 per cubic metre concrete or or equivalent approved by Council.
 - Concrete reinstatement must match the colour of the surrounding pavement. Approval of the colour must be obtained from Council prior to commencement of any concrete works.
- Joint and dowel bars (N12 typ) are required at the interface with footpaths and kerb & channels. Provision holes shall be made in existing concrete sections. Holes shall be drilled with a minimum depth of 150mm at 300mm centres and dowel bars inserted against footpath slabs. Dowel bars are to have an approved bond breaker (Lanotec Form Release Agent or similar) applied to the ends of bars inserted into the casting for concrete footpaths.
- Where concrete is required to be removed due to proposed works of any kind, the entire area between construction joints must be replaced in full.
- All dimensions are in millimetres unless noted otherwise.

A APPROVED FOR USE		DEC 2020
No	Revision	Date

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DRAWING NOT TO SCALE	
Approved	Project Services
Date	Dec. 2020

Drawing Title	CONCRETE VEHICLE CROSSING
Original Size	A3
Drawing No:	CPP1501
Rev:	A