

# Vehicle Crossing in Concrete Type 1 A170.01



GENERAL

## DESIGN STATEMENT

Type 1 concrete vehicle crossings have been superceded. All new vehicle crossings must use Type 2 or 3.

This standard is to be used only when reinstating an old type vehicle crossing.

## APPLICABLE LOCATION

This standard is to be used only when reinstating an old type vehicle crossings.

## COUNCIL STANDARD DRAWING

SD 262 Type 1 r.c vehicle crossing ( k&c type B & SM2)

## CROSS REFERENCE DOCUMENT

- AS 1428 (Australian Standard Design for Access and Mobility).
- AS2890.1-2004 (Australian Standard for Parking Facilities- Off Street Parking).
- Merri-bek City Council Specifications: Sections 61 & 80.

## STANDARD SPECIFICATION

Refer to Notes 1-10 as detailed in the standard specifications. See Cross Reference Documents for relevant specifications.

## SUPPLIER

N/A

## MAINTENANCE

**Street Cleansing Unit:** Channel of vehicular crossing to be cleaned as per current schedule.

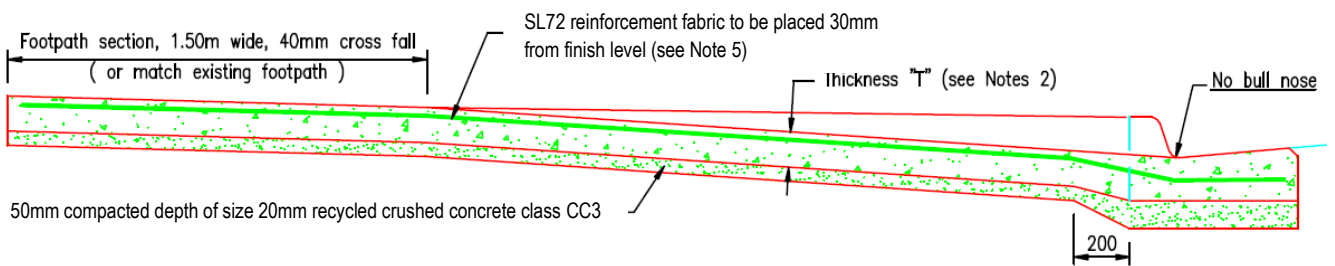
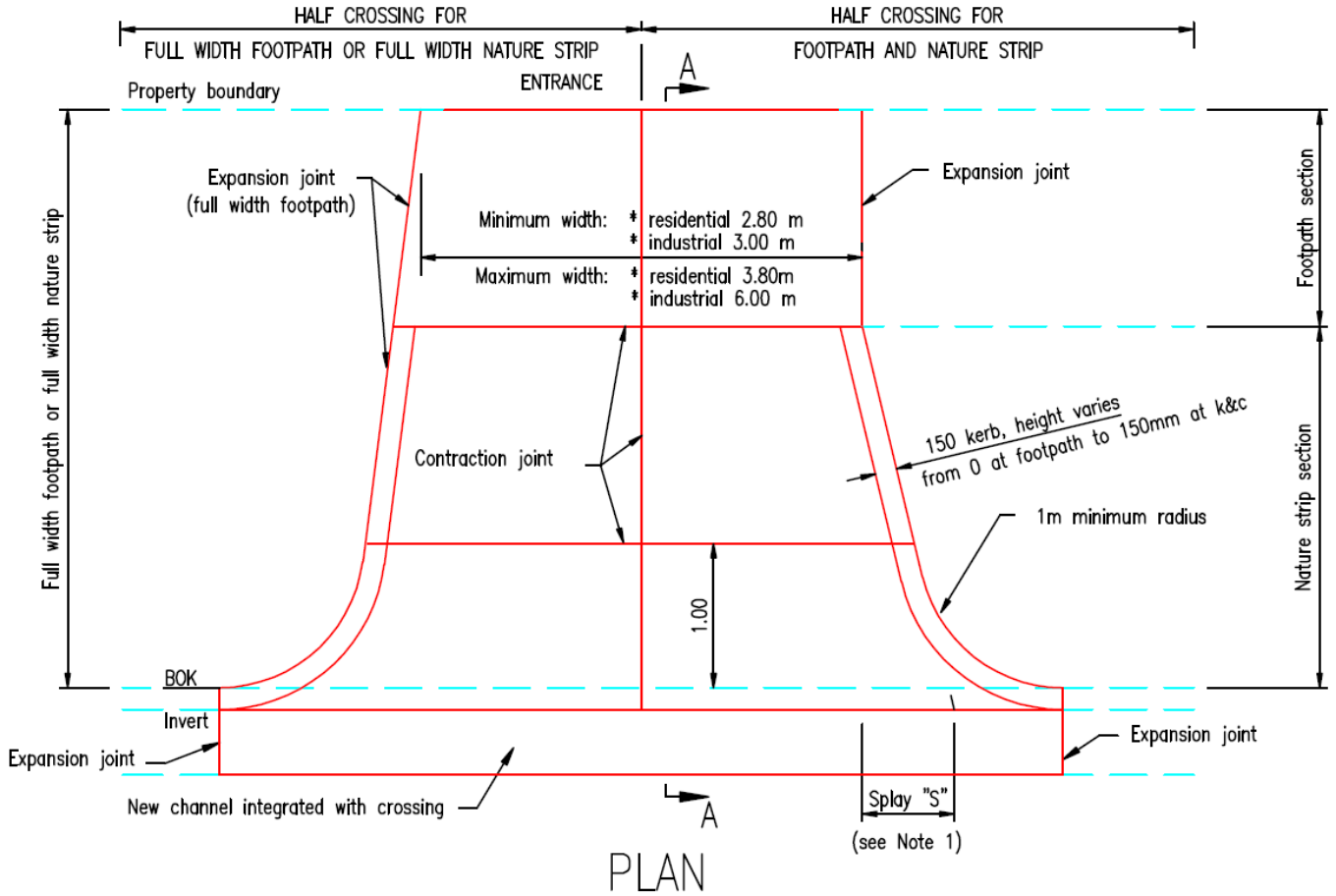
**Roads Unit:** Channel to be maintained.

**Property Owner:** The maintenance of vehicle crossings is the responsibility of the property owners.

## GENERAL NOTES

1. *Vehicle Crossing permit required from Council.*
2. *Street channel is to be cast integrated with crossing. No bullnose.*
3. *Concrete strength 25 MPa.*
4. *Contraction joints shall be provided in both directions. Maximum spacing 1.5 m.*
5. *For industrial properties, provide a second SL72 reinforcement fabric at the bottom of the crossing, 30mm cover.*
6. *Where the new crossing is jointed to an existing crossing, provide  $\varnothing$ 12mm deformed steel tie bars, 450mm length (225mm each side of the joint), spacing 300mm.*
7. *Council's inspection officer to have discretion to vary standard, depending on existing street conditions, that is: crossing shape, charcoal colour and the treatment of the street channel.*
8. *Concrete finish to be stipple finish with highlighted joints, unless otherwise stated.*
9. *Charcoal coloured concrete, where specified, shall be by adding "Abilox" black colour powder (or equivalent) into the premix concrete. The rate of powder is 8.3% by weight of cementitious binder (approx. 25 kg of powder per cubic metre of concrete).*
10. *Refer to Australian Standard 2890.1 to ensure vehicles are not subject to scraping.*
11. *Refer to Road Pavement Reinstatement in front of new vehicle crossing SD265E. To be used for Vehicle Crossing and Kerb & Channel reconstruction works for isolated vehicle crossing replacement and all property development works.*

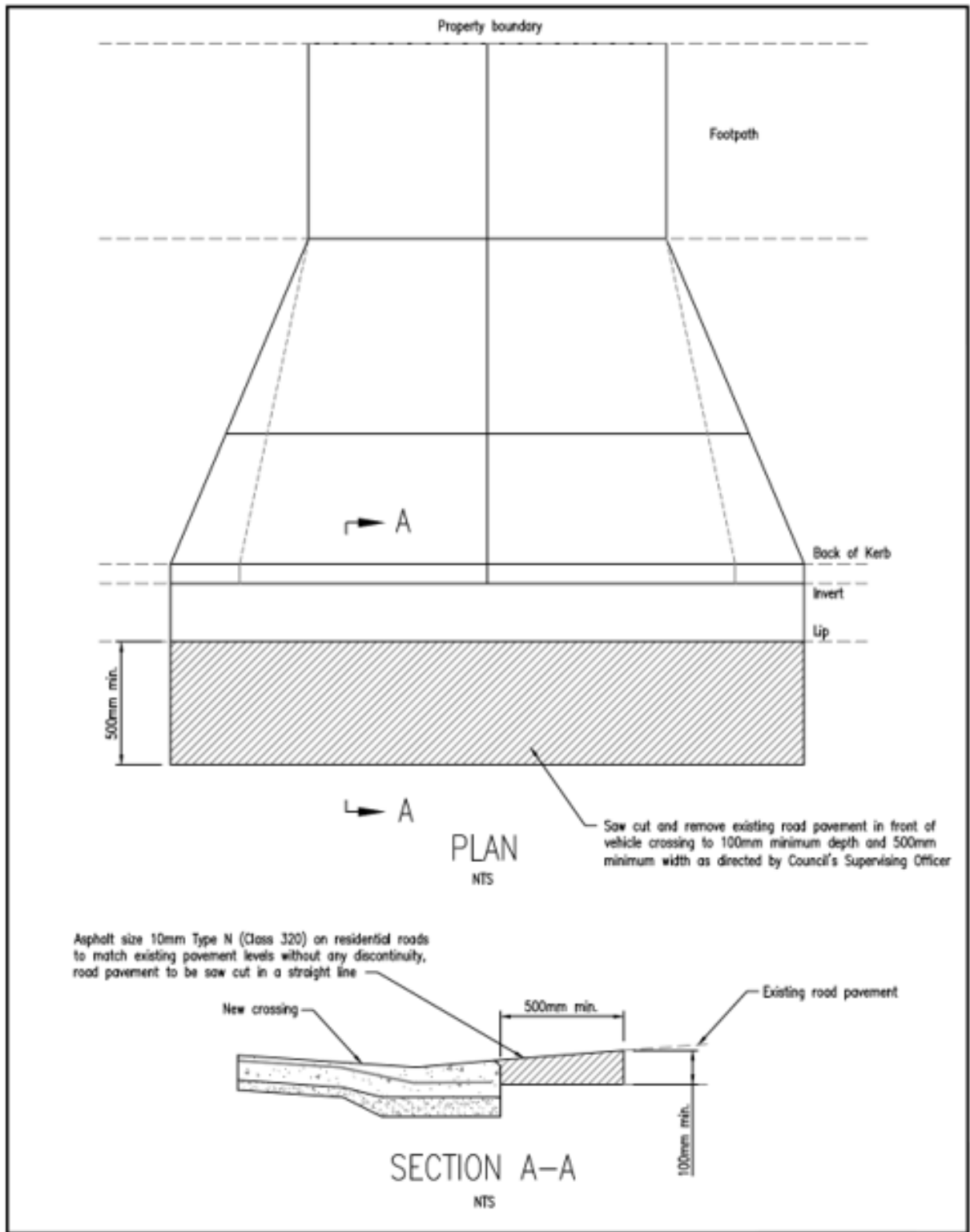
# A170.01 Vehicle Crossing in Concrete Type 1



SECTION A-A

	Width W		Splay S	Thickness T	Reinforcement
	Min.	Max.			
Residential	2.8m	3.8m	1.0m	125mm	SL72 top
Industrial	3.0m	6.0m	2.0m	175mm	SL72 top & bottom

# A170.01 Vehicle Crossing in Concrete Type 1



ROAD PAVEMENT REINSTATEMENT IN FRONT OF NEW VEHICLE CROSSING AND KERB