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Type 1 concrete vehicle crossings have been superceded.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).
- Moreland 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 φ12mm 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. 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).
9. Refer to Australian Standard 2890.1 to ensure vehicles are not subject to scraping.
10. Refer to Road Pavement Reinstatement in Front of New Vehicle Crossing SD 265E.

July 2019
Vehicle Crossing in Concrete Type 1

A170.01

SL72 reinforcement fabric to be placed 30mm from finish level (see Note 5)

50mm compacted depth of size 20mm recycled crushed concrete class CC3

50mm wide, 40mm cross full (or match existing footpath)

SECTION A–A

<table>
<thead>
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<td>Reinforcement</td>
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July 2019