Vehicle Crossing in Concrete Type 3 Reverse Fall  A170.06

DESIGN STATEMENT
The concrete vehicle crossing type reverse fall is a variation of the normal type 3 (Tech Note A150.05) to stop stormwater runoff from kerb and channel entering a property via the crossing, where the property is lower than the kerb and channel. Council specifies the shape and construction details to protect Council’s assets; however, it is up to the applicant to engage a qualified person to ensure that the levels of the crossing will allow appropriate access without the vehicle scraping. If this also requires alteration of the levels of the abutting Council assets, permission for this must be obtained from the relevant Council officer.

APPLICABLE LOCATION
The concrete vehicle crossing should be used where there are concrete footpaths and also where the kerb and channel of type SM2M (semi mountable) and the property line is lower that the kerb line. The vehicular crossing should be graded flush with existing channels and footpaths to create a continuous smooth surface. A vehicle crossing permit must be obtained from Moreland City Council to construct/alter/remove a vehicle crossing. These permits are issued under the powers granted by Clause 12, Schedule 10 of the Local Government Act 1989.

COUNCIL STANDARD DRAWING
SD 268 Type 3 r.c vehicle crossing (k&c type M & SM2M) – Reverse fall

CROSS REFERENCE DOCUMENT
- AS 1428 (Australian Standard for Access and Mobility).
- AS2890.1-2004 (Australian Standard for Parking Facilities - Off Street Parking)
- Moreland City Council Specifications: Sections 61 & 80.

STANDARD SPECIFICATION
Refer to Notes 1-11 as detailed in general notes. 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.

July 2019
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### Plan

**Note:**
- 100mm slab, 250mm bond, 200mm cores, Embedded 50mm, not over 1200.
- 50mm composite depth of a 200mm recycled crushed concrete class C03.

**Details:**
- Footpath section: 1.65m wide, 0.5m across fall
- (Or mini approach footprint)
- 100mm concrete slab to be placed 30mm from footpath (see note 3)
- Reinforcement to be placed 30mm from footpath (see note 3)

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### Section A-A

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<th>Width 'W'</th>
<th>Slay 'S'</th>
<th>Thickness 'T'</th>
<th>Reinforcement</th>
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<tr>
<td>Industrial</td>
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July 2019

Moreland City Council