Vehicle Crossing in Concrete Type 3  A170.05

DESIGN STATEMENT
The concrete vehicle crossing is a smooth and continuous surface that is economical, durable and easy to maintain and enables vehicular access from the street to private property. The design of this type of vehicle crossing is based on the use of SM2M kerb and channel and allows the crossing to be built without removing the corresponding section of kerb and channel. It is particularly useful in new submissions where crossings will be built not very long after the completion of 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). The vehicular crossing should be graded flush with existing kerb and channel 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
Type 3 Reinforced Concrete Vehicle Crossing, SD 267.

CROSS REFERENCE DOCUMENT
- AS 1428 (Australian Standard for Access and Mobility).
- Moreland City Council Specifications: Sections 61 & 80.

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

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
A170.05  Vehicle Crossing in Concrete Type 3

**Plan**

- Footpath section: 1.50m wide, 40mm cross fall
- SL72 reinforcement fabric to be placed 30mm from finish level (see Table)
- 50mm compacted depth of size 20mm recycled crushed concrete class CC3

**Section A–A**

**Table**

<table>
<thead>
<tr>
<th></th>
<th>Width W</th>
<th>Splay S</th>
<th>Thickness T</th>
<th>Reinforcement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential</td>
<td>3.0m–4.0m</td>
<td>1.0m</td>
<td>125mm</td>
<td>SL72 top</td>
</tr>
<tr>
<td>Industrial</td>
<td>3.0m–6.0m</td>
<td>2.0m</td>
<td>175mm</td>
<td>SL72 top &amp; bottom</td>
</tr>
</tbody>
</table>

July 2019