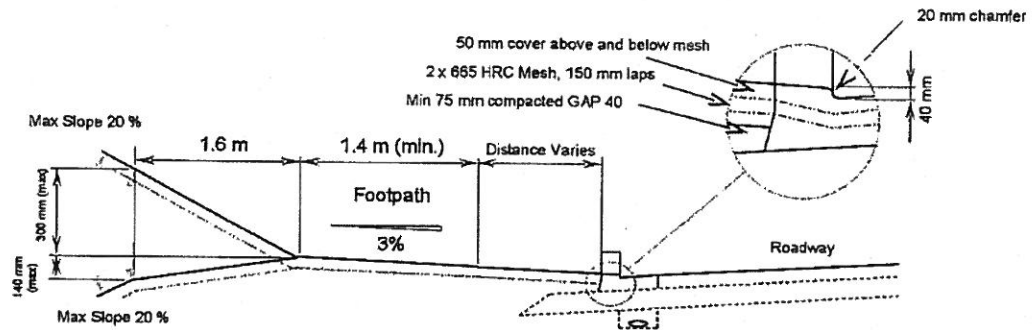


**PLAN**




**CROSS-SECTION**

**Notes**

- 1 A Standard Commercial Vehicle Crossing is an entrance to a Commercial property in an urban area. A specific design will be required where the road width does not safely support an appropriate turning circle for a standard Heavy Commercial Vehicle and the vehicles expected to use the entrance.
- 2 Concrete strength shall be 20 Mpa at 28 days (minimum).
- 3 Existing concrete shall be saw cut at the join and removed.
- 4 Brick or precast concrete paving units may be used only between the property boundary and the rear of the footpath. They shall comply with NZS 3118: 1981 Interlocking Concrete Paving.
- 5 Concrete pour shall take place within 48 hours of excavation.
- 6 Vehicle crossing to be min. 150 mm thick, with two layers of 665 HRC mesh.
- 7 The Cross Sectional grades are designed to allow the 90 percentile vehicle to access the property without contact of crossing with the underside of the vehicle.
- 8 The Minimum Distance between the Vehicle Crossing and the nearest Side Roads boundary is 7m on all roads with the exception of Arterial and State Highways (See Note 9 below).
- 9 Vehicle Crossings on Arterial Roads shall be located a minimum distance from road intersections and other vehicle crossings in accordance with Section 9.5 "Standards for the Location of Vehicle Crossings" in the Franklin District Plan (Refer FDC Standard Detail Drawing R 9).
- 10 The applicant shall be responsible for providing appropriate traffic management to safely undertake the construction of the vehicle crossing. Temporary Traffic Management shall be in accordance with Transit New Zealand's Code of Practice for Temporary Traffic Management at all times. Excavations and works on the footpath shall be fenced and have flashing beacons at night.
- 11 The applicant shall be responsible for identifying any services in the area and street furniture such as signs. The cost of any relocations, or repairs and compensation for damage during construction of the vehicle crossing, shall be borne by the applicant or installer.
- 12 On-street parking bays cannot be modified to form a vehicle crossing without the specific consent of the Franklin District Council.
- 13 Vehicle Crossings shall be located clear of any storm water cesspits.



**STANDARD DETAIL**

Approved:   
 Date: November 2007  
 No: R 7

**STANDARD COMMERCIAL VEHICLE CROSSING  
 (Footpath or No Footpath)**