



VEHICLE CROSSING AREA TO BE
HOT MIX (REFER TO DRAWING VX0304)
OR CONCRETE (REFER TO NOTE 10)

SHOULDER AREA TO BE HOT MIX
(REFER TO DRAWING VX0304)

CONCRETE BOUND RIPRAP
100 TO 150mm ROCK EMBEDDED
IN CONCRETE, 100mm BELOW PIPE

SLOPE 1V:3H MAX
DRAINAGE CULVERT

4000

R6000

EDGE OF ROADWAY

1528

3000

PROPERTY ACCESS

GATE TO BE RECESSED BACK FROM EDGE OF ROADWAY AT LEAST 6500 mm AND SUFFICIENT
DISTANCE TO ALLOW ANY VEHICLE USING DRIVEWAY TO STOP CLEAR OF TRAFFIC LANES
WHILE THE GATE IS OPENED.

EXPANSION CUTS TO BE 4m CENTER TO CENTER FOR LARGER SLABS

PROPERTY BOUNDARY

1000

TABLE DRAIN

VARIES
(4500 TYPICAL)

6500 MIN

ROADWAY

EDGE OF ROADWAY

A

SLOPE 1V:3H MAX

1000

MIN

CONCRETE BOUND RIPRAP 100
TO 150mm ROCK EMBEDDED IN
CONCRETE, 100mm BELOW PIPE

DRAINAGE CULVERT

ROADWAY

ROADWAY

3% SLOPE

1000

MIN

VARIES
(4500 TYPICAL)

6500
MIN

GATE ENTRANCE

FENCE/PROPERTY BOUNDARY

ROADWAY

ROADWAY

3% SLOPE

100

MIN

VARIES
(4500 TYPICAL)

6500
MIN

NOTES:

VEHICLE CROSSING PLAN

N.T.S

1. All dimensions are in millimeters unless noted otherwise
2. The radius of 6.0m may increase to a maximum width of 9.0m if needed to accommodate the tracking path of a large heavy vehicle.
3. The 6.5m minimum gate distance may increase as needed for length of large vehicles frequently using access.
4. Drainage culvert \geq 300mm diameter concrete pipe is required.
5. Pavement design to be approved by AT for use other than single residential life style lot.
6. Table drain may need to be deepened and diverted away from road to install culvert
7. Whole driveway in the private property to be soild, either concrete or hotmix, to avoid tracking of materials, detritus, metal etc on to the public road.
8. Larger Slabs to have expansion cuts 4m center to center
9. Where a footpath is provided or planned, the gate recess must be measured fro the back of the footpath

10. Concrete section – residential standard(150mm thick 20MPa concrete on 100 mm thick GAP 40- subgrade minimum CBR of 3) or commercial standard((200mm thick 20MPa concrete on 100 mm thick GAP 40 with the 661 mesh – subgrade minimum CBR of 3)



TDM TECHNICAL STANDARDS

Rural Vehicle Crossing (Zone Speed=50km/hr)

Date: 23/01/2025

SED No.

VX0302

Version C