

TYPE HW
SCALE 1: 10

KEY
HW - Head Wall
DCE - Driveable Culvert Endwall

TABLE 1

| Vehicle Standing (V.S) | * 'L' m |
|------------------------|------------------|
| Car | 6.0 |
| Truck / Car + Trailer | V.S Length + 1.0 |

* Increase 'L' as required to suit outward swinging gates.

NOTES

- Property Access Seal Types:
 - Adopt the seal type on the adjacent road (Asphalt / hot Sprayed bituminous surfacing).
 - Seal is not required for property access off unsealed roads.
- Offset property entrance gate to provide adequate vehicle standing area clear of road edge, as required.
- Install guideposts at :
 - culvert end walls.
 - the start of the access ('nearside' lane approach only').
- Pipe Culvert.
 - Pipe size, type, class and grade shall be determined by consideration of the drainage catchment, rainfall I.F.D. data and road grade for an AEP 10 years (min).
 - Minimum pipe size - 300 dia.
 - Minimum grade - 1 in 100 (1%).
- Shallow dish crossing may be used as an alternative.
- Refer to Department of State Growth Road Hazard Management Guide - Figures 6 and 7 for clear zone determination. Headwalls inside clear zone are to be driveable.

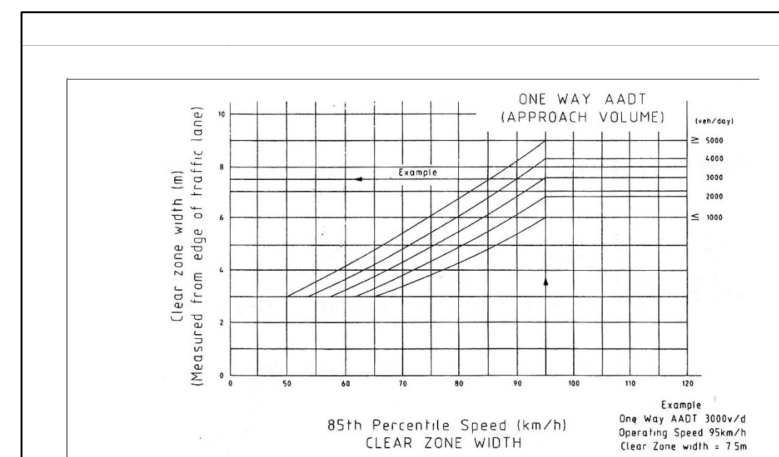


Figure 6: Clear zone width chart (Austroads 2003b)

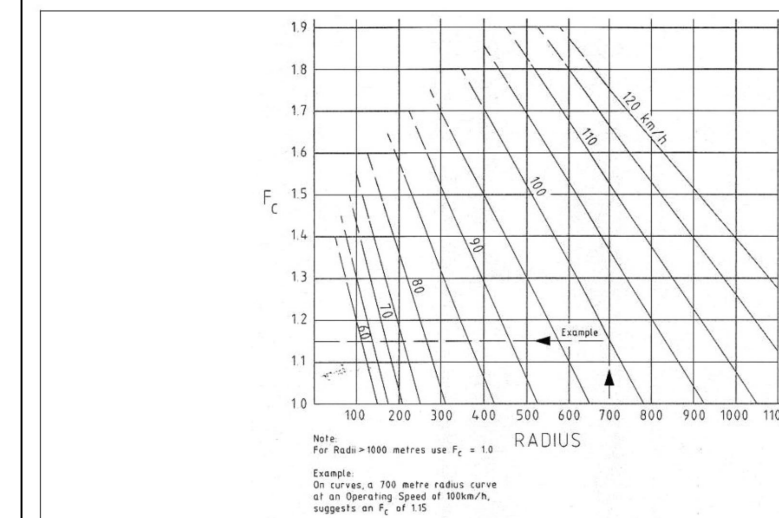


Figure 7: Curve adjustment factors for clear zones (Austroads 2003b)

SCALES: AS SHOWN
(All scales are correct at A3)

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REFERENCES

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