SIGHT DISTANCE CRITERIA FOR ROUNDABOUTS

EXTRACT FROM AUSTRACDS GUIDE TO ROAD DESIGN

PART 4B: ROUNDABOUTS FIGURE 3.1

NOT TO SCALE

Criteron 1
Provide the visible Approach Sight distance

Criteron 2
Clear lines of sight must be provided within this triangle.

Criteron 2
Provide adequate sight distance for drivers to detect an acceptable gap of 4 sec to 5 sec.
(Table 3.1—Austroads Part 4B)

Criteron 3
Provide sight triangle to allow recognition of potential conflict.

Distance based on the absolute minimum Approach Sight distance using the 85th percentile speed on the entry curve.

TREE PROFILE ELEVATION

Not to scale

LARGE ROUNDABOUTS MAY REQUIRE MULTIPLE TREES. INCREASE THE SCALE/HEIGHT AND NUMBER OF TREES AS THE ROUNDABOUT SIZE INCREASES AND SIGHT LINES PERMIT.

NOTES:
1. Sight distance criteria for roundabouts detailed on this plan is for guidance only. Refer Austroads, Guide to Road Design — Part 4B (Roundabouts) for detailed design information.

LANDSCAPE TREATMENT

ROUNDBOUT CENTRAL ISLAND