

Dubbo Master Plan - Green Ring

Dubbo City Council, 2007 - All Implemented

Dubbo is the typical Country town with a huge range of activities available within a 10-minute drive; sport, recreation choice of shops and schools, and most work places (and the Zoo).

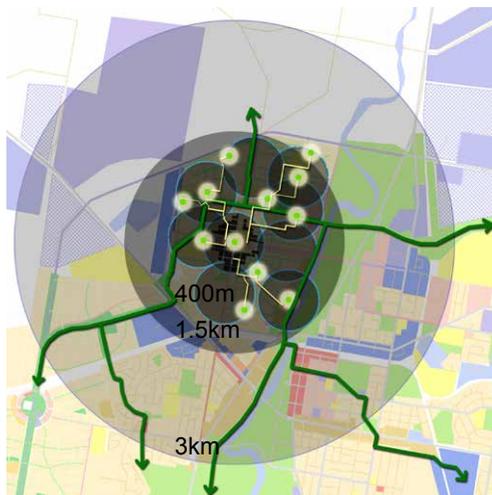
Our work added a three new dimensions; the Green Ring 80m wide in new areas and following easements in existing areas. 'Arrival Gates' are planned where the Green Ring crosses main roads entering Dubbo reminiscent of a City wall.

The second dimension was defining a hierarchy of 'social places'. At the high end, four major destinations on the Green Ring, two overlooking Dubbo with the potential for a hotel/restaurant (with curtilage to housing), and one being a 'village green' designed by STAP in 1990's. A more fundamental part of the 'social places' was in defining locations within future suburbs where a pedestrian network should be specifically identified; and these to be linked together to form the green/yellow network (See diagram). Noting that the layouts prepared for the Master Plan are indicative the implementation is aided by a requirement (LEP) for the number of access road connections made in proportion to the size of a new residential development. (That's three firsts for Dubbo).

The third dimensional change is a reflection of the economic base for Dubbo, it is a Blue Ring; a two-lane (only) clearway passing around the City (~2.5km radius) and entering the industrial area; designed for trucks, and not as a high capacity bypass. Built over a longer period this will relieve the City of trucks at night (and day) thereby improving the amenity for tourists and residents.

Analysis

The Road Network was programmed using a model of traffic generation and 5 year increments of population and employment. Land requirements –prepared by STAP - where based on economic sustainability defining the need for more tourist uses along the river, more high tech industrial areas near the CBD linked to a medical cluster, home based industry, and, a major industrial area for the trucking industry.



A Green Ring combining flora and fauna climate migration corridors with active transport ~ 1.5km from the City; a route for boards, blades, bikes, bipeds and buggies.



Figure 1 . The Green Ring for active transport with Places and Gates