Figure 9 (above): This cycle network map uses a similar street directory base map as Figure 6. Routes with facilities are blue. Unmarked routes are green. Reproduced from *Commuting to Chatswood by Bicycle*, Willoughby Council, 2008. Base map copyright Sydway Publishing Pty Ltd. Used with permission.

sizes. Local transport access guides showing a localised cycle network feeding to a major transport interchange can be printed as a foldable pocket map. Larger maps of regional and town bicycle networks may need to be printed on larger sheets of paper folded to a more portable size. Though the technology exists to print maps on waterproof plastic, this is not recommended as maps quickly go out of date and paper better suits the map lifecycle. Printing of paper maps needs a well formulated distribution and communications strategy. Cycle shops are good distribution points as their customers are always wanting cycling information. Government and tourism customer service centres and other places with high public visitation should be included in the distribution strategy. Letterboxing residents along a major cycle route corridor with a simple inexpensively produced map leaflet is a good way of raising local awareness.

The advent of the Internet has introduced a number of new ways of distributing and delivering maps to cyclists. Maps created in vector file format are very space efficient and can be easily scaled (enlarged and reduced) for on-screen viewing. These maps are very suitable for Internet distribution as PDF files and can be printed as needed. The Department of Transport and Main Roads's website features a point-and-click map where cyclists can download cycle network maps from a number of Queensland local and regional councils. A growing number of Council websites allow for direct downloading of cycle route and network maps.

Interactive web-based mapping

The Internet has created exciting possibilities for interactive mapping. There are two main types: static mapping and route-finding mapping. Static mapping websites invite cyclists to plot their favourite commuting or recreational routes onto an internet map base such as

Figure 10 (below): The Department of Transport and Main Roads website has an interactive map to allow cyclists to download local cycle network maps in electronic format. These maps can be enlarged on screen or printed on demand.

5