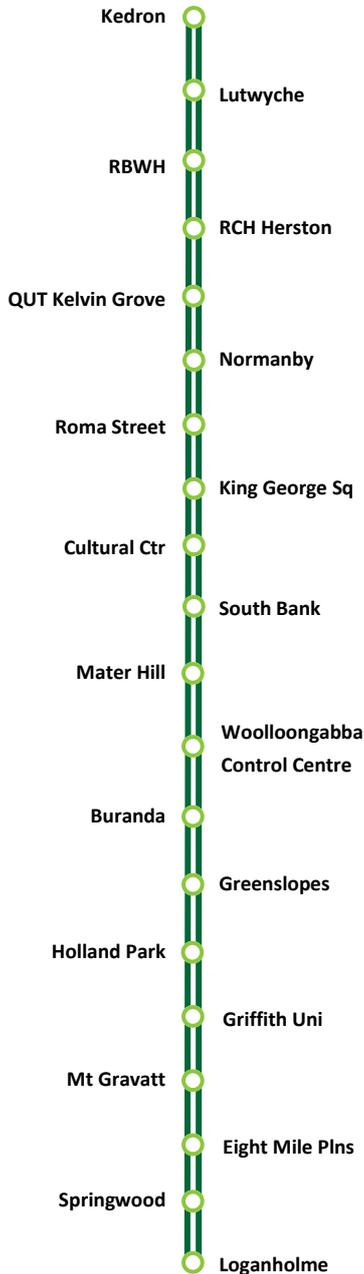


South East Queensland Bus Ways

April 2001



As the capital of one of Australia's fastest growing regions, Brisbane's sophisticated bus way network is helping improve public transport efficiency and manage congestion. It is unique in that it is leading the broad scale adoption of bus ways in Australia.

Bus networks and systems provide the 'backbone' of most cities worldwide providing both short and medium journey services to commuters. The limitation of a bus-centric public transport system is road congestion because buses have to share road space with other vehicles and commuters.

Engaged to provide a solution for the initial bus stations with thought to the expansion of the bus ways over the coming years. As security was a prime consideration we designed a system that enabled the Woolloongabba main control centre to be notified immediately when breakers had tripped at any facility to allow maintenance staff to respond as quickly as possible. The control centre also has real time indication of what is happening at each location and is able to control the lighting through it's interface to the Scada system if required. An astronomical time clock and PE sensor at each station looks after the general requirements for each of the individual sites.

Scope of Works:

- Each station consists of approximately
 - 12 to 72 x Network Relay Channels with breaker trip reporting
 - 1 x Network Sensor
 - 1 x Network User Control Panels
 - 1 x Network Time Clock
 - 1 x RS485 to RS232 Strings Converter to provide Integration to Central Scada Control System

