



Transtoll News Announcement

Transtoll Completes Eastern Distributor Toll Plaza Upgrade Project

26-November-2009 Sydney, NSW;

Transtoll has successfully completed the Eastern Distributor (ED) Toll Plaza Upgrade for Airport Motorways Limited's (AML) in Sydney, NSW. Practical completion was achieved on schedule in November 2008 and the 52-week Defects Liability Period completed on 26th November 2009. This contract now moves into the Through Life Support Phase.

This project involved upgrading Lanes 1 through 9 with lane toll modes that are a mix of free flow, automatic and manual lanes. This project follows our earlier successful implementation of the open road free flow tolling system on the ED Lane 10 connection to the Cross City Tunnel in Sydney.

Transtoll integrated our system with the existing treadles (where present), overhead lane signs and the ACM units (customised machines supplied with the original system).

Transtoll upgraded the existing technology by deploying new lane control computers, ETC transceivers, lane traffic lights, PFDs, VES cameras (and illuminators) and toll collection terminals (in manual lanes).

Transtoll deployed new IR light curtains and height sensors with loops and axle counters to implement pre-classification on four of the lanes. In addition, IR light curtains were added to existing treadles in all lanes for use as lane exit detection.

This refurbishment project also included deployment of modified MWS (Managers workstations) at each plaza and in the central control room thereby providing a supervisor's view at plaza level as well as a total view at central management level.

The original database server and the database replaced. A key element of the project was the controlled migration of data from the old system onto the new system. The data migration process was initiated with detailed consultation with the client to identify which data was to be retained and the format in which it was to be retained (i.e. duplicated or consolidated). The data migration process was implemented in a strictly controlled manner that met the client's legislative and operational requirements regarding historical reporting from the road since its initial opening.

Transtoll successfully implemented this refurbishment project without any loss of toll revenue to the operator. This was achieved by;

- ▶ Initial lane preparatory work carried out during night shifts (with each lane being returned to an operational state every morning);
- ▶ Each lane then took a further 2- 3 night shifts to cut over to the upgraded system; and
- ▶ The maximum downtime during cut-over per lane was 24 hours to facilitate commissioning and testing.



Eastern Distributor Mainline Plaza

At all times, Transtoll adhered to local environmental noise restrictions whilst ensuring that the project was delivered on schedule.

Arthur Dobeson, Chief Executive Officer at Transtoll, said "Transtoll's quality project management and delivery processes were a critical factor in ensuring the successful implementation of this refurbishment project without any loss of toll revenue to the operator".