

Case study

Assessment of Bus Priority and Service Proposals between Dublin 15 and Dublin City Centre

MVA Consultancy was commissioned by the Quality Bus Network Project Office in February 2008 to undertake an assessment of bus priority and service options between Carpenterstown in Dublin 15, and Dublin City Centre.



The challenge

Dublin 15 has experienced significant growth in recent years. The pattern of development in this area is generally spatially dispersed, resulting in high levels of car dependency and use. Although the area is penetrated by rail, it continues to be highly reliant on bus to cater for its public transport needs. The road network in the Dublin 15 area is congested during peak periods, resulting in bus journey times between Dublin 15 and Dublin City Centre that are both long and unreliable.

The challenge was to identify the optimal bus priority/ service arrangements to cater for bus movements between Dublin 15 and Dublin City Centre.



Our approach

This project involved a baseline assessment of current transport provision in the Dublin 15 area, thus identifying a need for the scheme. Detailed assessment of the traffic impacts and the benefits of the scheme were undertaken for a set of short listed bus priority and service options.

The project involved the following key tasks:

- Transport Context Review;
- Traffic Model Development;
- Option Generation and Sifting;
- Detailed Assessment of Shortlisted Options; and
- Economic Evaluation.