

## **Monklands Replacement / Refurbishment Project Supplementary Information in connection with travel time analysis**

The travel time analysis work was initially undertaken by Systra as part of the work to inform the Initial Agreement and the subsequently reviewed and updated by WSP for the Options Appraisal process.

The initial detailed modelling for travel time analysis was undertaken utilising recognised industry approaches and software including TRACC which is the leading multi-modal transport travel time tool. TRACC has been developed by Basemap Digital Mapping and Transport Data Solutions and utilises detailed speed datasets to provide an accurate overview of travel times. TRACC is recognised industry software utilised by national and local government agencies, and private sector consultancies. The data utilised in the TRACC software is derived from a range of sources including UK public transport datasets (which Basemap maintain on a weekly basis on behalf of Traveline and Department of Transport) and Ordnance Survey maps.

In addition Google maps data was utilised to check and verify travel time outputs.

The catchment population that is serviced by Monklands Hospital was utilised as the baseline data with results modelled for journeys to the proposed hospital sites from each postcode area recognising changing departure times to identify the worst case (i.e. the most congested periods in the AM and PM peaks). The dataset for catchment population is most recent (2011) population census.