



Case Study - Merseytravel Station Revitalisation Feasibility Studies

The four stations within the Merseyrail network of Newton-le-Willows, Fazakerley, Sandhills and Bidston are being considered for upgrade as part of the ongoing station revitalisation programme for Merseytravel. In addition there are proposals for the creation of a new rail station at Carr Mill.

Jones-Jack Ltd were approached to provide electrical and mechanical expertise for various optioneering solutions for the five stations.

The requirements for the scheme involved various options for each station to be provided. In terms of output for Jones-Jack Ltd this entailed a fully detailed inspection of all building services elements of each station and the provision of an existing services report. During the optioneering stage Jones-Jack Ltd attended meetings to assess the impact of each option on the services element of the works thus arriving at a preferred solution. This remaining solution was then developed to Outline design stage to enable a 'Form A' approval in principle submission to be made.



JJL provided the following services for the works:

- Survey of all existing stations for all services including Lighting, Emergency Lighting, Car Park/Access Route Lighting, Small Power, Sub-mains Distribution, Security, Heating, Ventilation, CCTV and telecoms.
- Provision of detailed layout drawings showing all above services and development of general specification for the provision of services for each preferred solution.

This project is a good example of Jones-Jack Ltd's commitment to providing value for money and usable, compliant and effective design solutions. In order to provide a robust cost estimate for the preferred solution Jones-Jack Ltd have provided fully detailed drawings including schematics and general arrangement plans for each station. Following approval in principle, each scheme can be quickly and effectively brought to detailed design stage quickly and simply. All services options have been considered during the outline design phase of the contract and the requirements of all relevant Network Rail Company and British Standards built in by design.



Client:	White Young Green
Contractor:	Not Applicable
Programme:	6 Months