NOTTINGHAM NET LIGHT TRANSIT

KEY FACTS

CLIENT
CARILLION

YEAR COMPLETED
2004

CONSTRUCTION COST
£200M

PROJECT DESCRIPTION

BWB Consulting provided expert traffic signals and modelling skills in reviewing and re-designing shared use traffic signal controlled junctions on the proposed tram route through Beeston town centre, on one of the two additional Nottingham tram routes currently under construction.

A complex TRANSYT model of the Beeston area, revised traffic signal controlled junction layouts and signal timings were all incorporated into a micro-simulation model. The results of the modelling were used to demonstrate the impact of the tram on other highway users and to prove the business case of the NET2 scheme.

BWB’s traffic signals team redesigned the White Hart Junction in Nottingham to better accommodate on-street running of NET through the junction, minimising its impact on a key route into the city. A micro-simulation model was used to prove the design principals. BWB also redesigned the proposed signalised gyratory at the Nottingham Science Park to improve non-tram capacity and minimise abortive construction costs, delays and disruption without affecting the delivery of NET Phase 2.

SERVICES PROVIDED

Civil Engineering
Infrastructure Design
CEEQUAL Assessments
Traffic Signals
Transport Planning
Micro-Simulation Modelling
Rail

NTH2130
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KEY CONTACTS

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