



NORTH FACTORY BOULEVARD  
ROADS

DELIVERY TEAM

HB

CLIENT

AUK

VALUE

£4,100,000

CONSULTANTS

TIER

## DETAILS

The project required the existing Boulevard road be replaced with a new road construction that in part would be able to cater for the new 100 ton A350 XWB wing loader.

Tier consult designed the road to cater for such unusual loadings. This required a construction of 600 mm of MOT, 2 layers of TX Geogrid c/w .280mm base course and a cementitious surface course.

21,000 m<sup>2</sup> of road were replaced whilst catering for the vehicular access for adjacent productions areas. This involved chapter 8 traffic signalling and escorted movements in peak flows times.

The enabling works involved the redirecting of Compressed air pipework, Sprinkler mains, communication cables, and drainage and associated chambers. Drainage was by means of 4 kilometres of land drains and catchpits connected to an existing 1200 dia system. The project was finalised by the installation of footpaths and 34,000 m<sup>2</sup> of landscaping.





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## PROGRAMME

A key factor in securing this project was to assure AUK we could deliver when it really mattered.

This meant we had to break out and renew some 4,000 m<sup>2</sup> of roads within a 16 day window. The driver being AUK's summer shutdown.

Hollingsworth bros realised on the scale of the task and drew on its resources along with working 14 hr days for the full 16 day shutdown. The road and roundabout were handed over on time ready for productions return to work.

The overall project was handed over as the 36 week programme

## INNOVATION

The existing boulevard road was used to transport wing skins from the production area to the MIC building for further processing. The Corrie trailer measured some 40 mts in length. The movement of such a vehicle could not be intervened. Tier provided swept path drawings for the vehicle which allowed us to plot the track of the corrie trailer and install temporary roadways to facilitate its movement. To further ensure its free flow through our works a dedicated person would escort the corrie trailer through our works.

HB produced a phased drawings with temporary traffic controls for site traffic

## CLIENT SATISFACTION

AUK stated the new roadway and workmanship has set a new standard for all future roads within the Broughton site.

