

## **Prefabrication of Steelwork**

The Link Bridge was designed to connect a new facility to an existing occupied operational building. Also an access road was located between the 2 buildings. The bridge was pre fabricated off site in controlled conditions and brought to site as one unit. Foundations and a steelwork trestle were installed in advance of the bridge being delivered to site. The bridge was completely installed in 1 weekend without any disruption to the business operations. The bridge was pre painted off site and scaffold edge protection installed at ground level prior to erection.



The following points summarise the main safety, quality, cost benefits associated with this initiative.

- Pre painted finished steelwork eliminating the need to work at height.
- Scaffold handrails pre installed eliminating the need to work at height.
- Installation time was significantly reduced.
- Works completed in a quality controlled environment.
- Minimal disruption to activities being carried out within the occupied building.
- No requirement for road closures.
- Cost savings associated with reductions in time and disruption.

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