

Thameslink Programme

Health & Safety – Good Practice 017

Integrated Access Platforms on Falsework System - at Bermondsey Dive Under

Overview/Description

Skanska and their sub-contractor UKR took some time out to think out of the box when considering the access requirements for erecting over 3,200m² of falsework at a height of 7m on the Bermondsey Dive Under project (BDU).

Whilst working on the Thameslink Borough Viaduct the team encountered issues with access. A huge amount of time and effort was spent forming an intermediate access platform when erecting the falsework to mitigate the risk of falls during the build process for both the operatives and the temporary works team in amongst falsework components that are designed for support not access.

Discussions led to the selection of the 'Peri-Up' system from PERI UK.

Features:

- This product is widely used for access but can also be adapted to support soffits which in this instance was 1.5m thick. This offered an in-built, fully integrated access platform during the construction phase within the design. This system is a fully integrated intermediate access platform that is modular and part of the structural design.
- In-built, fully integrated access platform
- Come in a modular format
- Is part of the structural design



Integrated access platform runs full length of structure

Benefits

- A solid steel base to walk on as falsework is erected with bracing used as handrails
- Reduces the risks of falls from height

There was the obvious unfamiliarity with the system and a learning curve, but we finally achieved our project milestone of deck completion on Wednesday 27th July 16 and after erecting close to 500 tonnes of falsework over an area of 3,500 m² without a single safety issue concerning the falsework team.

PERI has gone to great lengths to source the quantities of kit required for the project, meaning the team have received deliveries from all over Europe.

It just shows that with careful planning, and with full support from all concerned to challenge the norm, everyone from design, to logistics, the site teams and the temporary works team can still deliver quality on time whilst putting the main focus on the safety of the extended team and still deliver a huge project milestone completely accident free.



Concrete finishers working in intermediate access platform