



ETON ROWING LAKE



LAND & WATER Services

Eton Rowing Lake Access Upgrade

Project Information

- **MORRISON CONSTRUCTION**
- **LAKE ACCESS STRUCTURE UPGRADE**
- **VALUE £610,000**
- **SEPTEMBER 2009—MARCH 2010**

The project involved the upgrade of lake access ready for the 2012 Olympic games which included the replacement of the existing cut through bridge with a 20m wider finishing line bridge. The programme was extremely tight with several critical deadlines starting with Land and Water Services (LAWS) installing the sheet piles (below) in one day for the temporary Bailey Bridge abutments to be installed thus providing access for the old bridge demolition process. Two cofferdams were installed using LAWS Movax piling rig following footpath and services diversions. These cofferdams were excavated, steel support frames and braces installed, dewatered and blinded, then handed back to the formwork contractor. Once abutments were constructed these cofferdams were backfilled and the

sheet piles extracted. Once the new bridge deck was cast, LAWS excavated underneath to form new bank revetments. Further cofferdams, as above, were installed for the new bridge requiring a reduced dig to level, once abutments were cast, five rows of gabion baskets were filled and fitted to the exposed abutment sides (inside the cofferdams), backfilled and then piles removed. The lake banks were re-profiled to 1:3 slopes, covered in topsoil and Tansar 200 geotextile was pinned to the surface and hydra seeded. Despite the volume of works required, the extreme weather conditions in the area Land and Water along with other contractors made great efforts to finish within one day of the finishing date.



Find us on the internet at
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