

# Case study 622

## Road expansion supported by Sykes Pumps

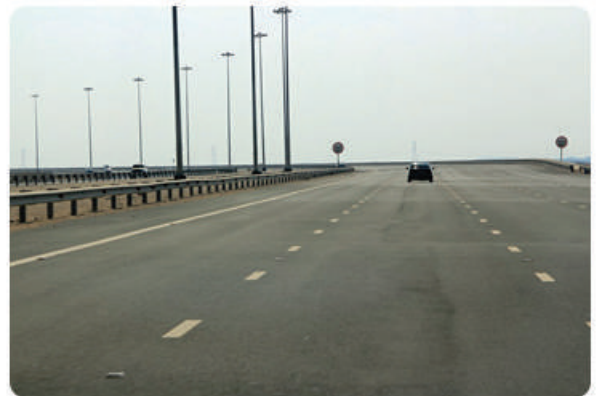
In order for certain construction projects to commence, groundwater control via pumping may be required to facilitate the initial excavation. A high water table is one of the most common obstacles encountered by builders but this can be easily overcome with the right equipment at your disposal. An excellent example of this is the Tollbar Island A45 development in Coventry, where a series of roads have been widened to accommodate an increased flow of traffic.



Sykes Pumps' involvement in the assignment dates back to 2013 when we helped divert water from the site during the opening phase of construction. This was then followed up with a hire of a 6" Diesel Wispaset and 3" GP80 general purpose pump, as focus switched to digging beneath the ground. Water had to be driven out of the area to allow a concrete underpass to be erected and our equipment helped accelerate the process.



As one of the UK's most significant road improvement programmes, it was vitally important from the contractor's perspective that all factions came together on time. The flexibility our units offer meant that our client's changing needs could be catered for with minimal fuss – and this proved fundamental as the task wore on.



By maintaining regular contact with those on site, our regional engineers were able to adhere to the quick turnaround times the company prides itself on. Fortnightly conservational measures were also introduced to guarantee the efficient operation of every single pump, with this comprehensive service enabling deadlines to be met without problem.

Performance Max head: 38m, Max flow: 90 l/s, Max solid: 52mm  
Weight 1990kg with fuel, 1800kg without fuel  
Dimensions (mm) 2310 x 1250 x 1535  
Noise level @7m = 65 dBA  
Fuel tank capacity 175 litres  
Pipe connections Suction: 6" table D, Discharge: 6" table D, Bauer couplings option  
Fuel consumption Full load @ 1800 rpm: 9.8 litres/hour



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