

Wembley Growth

Client: Thames Water / Optimise, Brent Council

Location: Wembley, North London

Value: £1.6m

Duration: 10 Months



Looking from Olympic Way to Wembley Park Station



Looking from Olympic Way to Wembley Stadium

In Brief...

Barhale, on behalf of Thames Water/Optimise, re-laid trunk sewers at Wembley as a result of a number of new developments within the catchment surrounding Wembley Stadium. The works were to resolve flooding, which had been occurring and prevent future flood events as a result of 1 in 30 year storms. The scheme, which commenced in May and was completed in December 2015, consisted of the following works:

- Pipe laying on Fulton Road and Grove Way, which involved:
 - Upsizing 300 metres of 300mm to new 450mm/525mm diameter sewers
 - Installation of 21 metres of 375mm and 140 metres of 300mm diameter sewers
 - Installation of 22 no. manholes

Customer Benefits...

The Barhale/Optimise customer relations team met every 2 weeks with all of the major stakeholders to coordinate all interactions with neighbouring surroundings. Stakeholders consisted of:

- Quintain the property and investment company (land owner at Wembley)
- Wembley Stadium
- Brent Council
- Fountain Studios (where X Factor live was filmed every weekend)
- Wembley Arena

Barhale had to tailor works to satisfy noise and vibration constraint and worked around the Wembley Stadium events, which meant fully demobilising from the area for major football matches, the Rugby World Cup matches and NFL games. To reduce the interface between the works and the Rugby World Cup schedule Barhale provided extra resources on Fulton Road during August to accelerate the programme. Barhale also worked around the Wembley Stadium music events such as Ed Sheeran concerts and the local marathon by reducing the site compound footprints.

Technical Features...

Wembley Stadium and its surrounding environment is a very busy pedestrian traffic route. This level of pedestrian traffic proved to be a big challenge facing the project especially as there were numerous events that took place at the Stadium and the neighbouring Wembley Arena. To protect members of the public and minimise disruption to them, strategic planning of the work area was required. This was especially pertinent for the pedestrian crossing location on Olympic Way, as it was the main crossing point for members of the public who departed the Wembley Park Underground Station. The management of the space and the number of the operatives in a confined site was vital to ensure that the programme could be successfully met in a safe way.