Drainage overview

THE CHALLENGE
In recent years, with the widespread floods that have affected the UK, projects are becoming more focused on prevention as opposed to repair. A proactive approach will play a positive role in the rail network’s drainage system. An effective drainage system not only reduces the risk of flooding but can improve track and embankment stability.

WHAT WE DID
We have undertaken all forms of railway drainage projects including the incredibly challenging deep drainage required near Paddington Station. This included the installation of new trackside drainage at Ladbroke Grove on the approaches to Paddington and the construction of a new 7m deep drainage outfall installed in the busy streets of West London. During the first day of the Chipping Sodbury tunnel drainage project, we installed 885meters of 800mm pipework and manholes, 5,650meters of 600mm pipework and chambers, 850meters of 300mm pipework and chambers and a twin track three bore concrete surround undertrack crossing. In addition, a fully forced air ventilation system, lighting and a complete communications system was installed in three 100 hour midweek possessions.

THE RESULT
Stobart Rail & Civils has established a first class reputation for the delivery of drainage projects ranging from clearing existing pipes and manholes, to installing new systems; whether track, tunnel, slope or station-related drainage. We own and operate an extensive range of specialist drainage plant and equipment, allowing the us to achieve the impressive productivity rates crucial for delivering high output within short possession times.

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