

Jonathan Austin



Director

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Chartered Engineer

Member, Institution of Civil Engineers

Member, British Tunnelling Society

BSc Civil Engineering

Expertise

Design and construction of tunnels and shafts; civil engineering works within the operational railway; structural monitoring and condition surveys; emergency and contingency planning; structural assessment and rehabilitation of cast iron tunnel linings; asset condition assessment; calculation of residual life; whole life asset planning; tunnel security and blast protection.

Summary

Jon has over 20 years experience in the design, construction, operation and rehabilitation of London Underground's infrastructure, he has particular knowledge of tunnelling within the operational railway environment. Jon was a former employee of London Underground, moving onto Infracore JNP/Tubelines with the partial privatisation.

Jon has extensive experience of the inspection, investigation and assessment of tunnel linings and the design of strengthening and rehabilitation measures. Jon has contributed greatly to the understanding of London Underground's deep tube tunnel network, its condition, whole life expectancy and maintenance requirements. Through his continued association with London Underground, Jon is uniquely qualified to plan, engineer, coordinate and lead the necessary physical works within the constraints of the railway.

Before co-founding OtB, Jon was the Managing Director of Dr G Sauer Company responsible for the design of sprayed concrete tunnel linings for CTRL Contract 250 and the design of the re-development of Shepherd's Bush Station. He has since been appointed the Civil Engineering Manager and '*Engineer in Charge*' for coordinating all works associated with the operational railway for the White City Development. He is also the *Designated Employer's Representative* for the construction of a new lift shaft at Waterloo Station and the development of Shepherd's Bush Station.

Notable projects

- Channel Tunnel Rail Link, London
- London Underground, various
- Paddington Station Redevelopment
- Old Street, Northern Line tunnel lining replacement
- White City Redevelopment, London