



# THE PETER CAMPBELL BIENNIAL LECTURE

## “Crossrail”

To be held at the Institution of Civil Engineers  
One Great George Street, Westminster, London SW1P 3AA

Thursday, 16 November 2017

6.30pm for 7.00pm

Cost of tickets: £10 each to be paid on application - all proceeds go to  
The Lighthouse Club  
*(for details of The Lighthouse Club, please see overleaf)*

### Speakers:

**Bill Tucker**, Central Section Delivery Director, Crossrail

**Howard Smith**, Operations Director, Crossrail

As the project gets ever closer to substantial completion, since the start of enabling works in 2009, Crossrail is on the verge of energising high voltage power through the central operating section in advance of commencing dynamic testing with the new Class 345 rolling stock and CBTC\* signalling software. Crossrail’s Bill Tucker (Central Section Delivery Director) and Howard Smith (Operations Director) will discuss the complexities involved in setting up and executing a project on the scale of Crossrail from two different perspectives. The interweaving of activities, with multiple participants and stakeholders, from planning through advance works through tunnelling and construction of station spaces through M&E and fit-out and into testing, commissioning and handover of the completed assets, over a nine year period, can present a unique set of challenges. Bill will reflect upon Crossrail’s journey from the vantage point of building the central section and Howard will reflect upon that same journey from the vantage point of establishing a new operational railway.

\*Communications Based Train Control



### ADMISSION BY TICKET ONLY

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Please send ..... ticket(s) @ £10 each      Amount enclosed: £ ..... (Please make cheques payable to CONSTRUCT)

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Additional names: .....

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Please reply to: Carmen Shead  
**CONSTRUCT**  
Riverside House, 4 Meadows Business Park  
Station Approach, Blackwater  
Camberley, Surrey GU17 9AB  
Tel: 01276 38444  
Fax: 01276 600242  
E-mail: [carmen.shead@construct.org.uk](mailto:carmen.shead@construct.org.uk)



**SPEAKER: Bill Tucker**  
Central Section Delivery Director, Crossrail

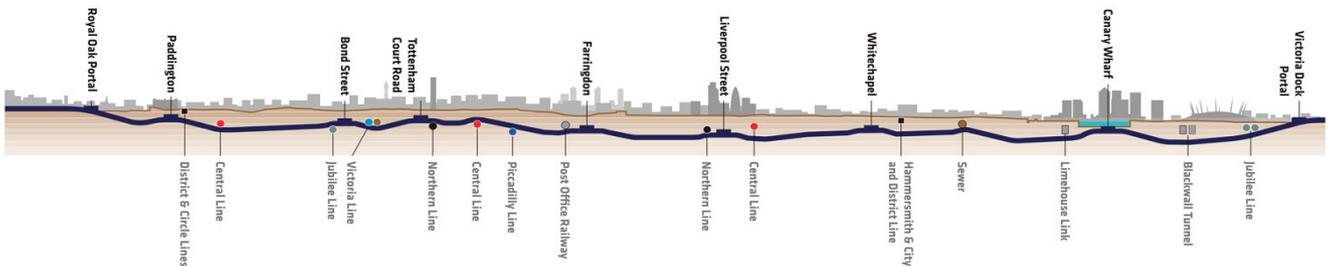
William T- (Bill) Tucker is a principal vice president of Bechtel Corporation and central section delivery director within Crossrail's integrated programme management team, where he is responsible for delivery of the £10b central operating section of Crossrail which entails 42km of new tunnels and nine new stations through central London. Bill has been involved in Crossrail since 2009 with the inception of design, procurement and construction activities for the project. Prior to joining Crossrail, Bill served as implementation director for £2.5b of upgrades to the West Coast main line for Network Rail. He joined Bechtel in London in 2000 as a regional manager of construction for Bechtel's power and civil businesses. Prior to moving to the UK, Bill completed a variety of assignments in the nuclear and fossil power industries in the US over 19 years with Stone & Webster Engineering Corporation



**SPEAKER: Howard Smith**  
Operations Director, Crossrail

Howard studied economics at LSE before managing train operations and stations in South and West London. In the 1990s he worked on Channel Tunnel services.

Howard moved to London Rail as Chief Operating Officer at the end of 2004 with responsibility for operations as well as delivery of a £3billion investment programme; creating London Overground and upgrades to the Docklands Light Railway (DLR) ready for the London 2012 Games. Howard was heavily involved in the planning and delivery of the London 2012 Games and Paralympics. Following the Games, Howard joined Crossrail as Operations Director where he is responsible for the development of Crossrail's operational and customer service strategy and defining the structure of the new railway's operating and maintenance organisations.



The Lighthouse Club is a charity which helps to relieve poverty suffered as a result of accident or disability or ill health by persons employed or formerly employed within the building and civil engineering industries and allied trades in the United Kingdom including the widows and children of such people