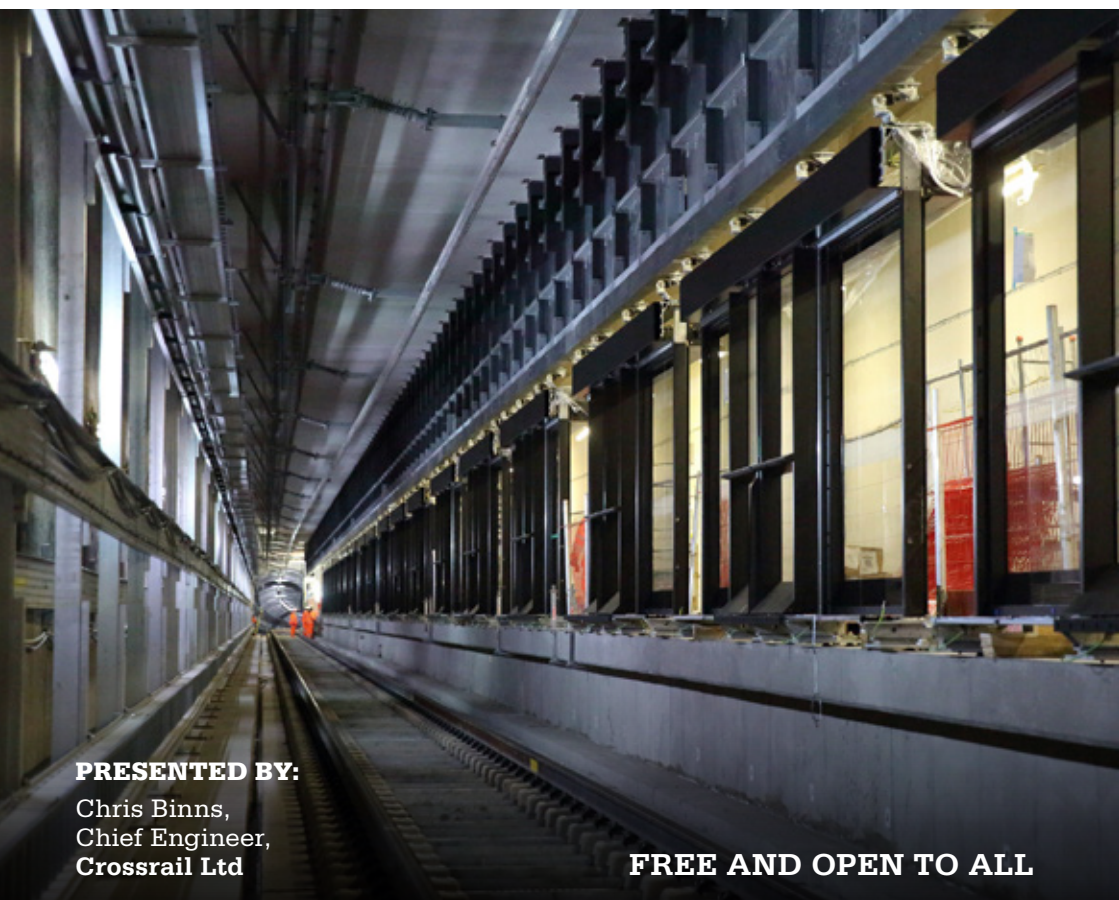


# THE CROSSRAIL PROJECT: COMMISSIONING THE ELIZABETH LINE

Institution of  
**MECHANICAL  
ENGINEERS**

**16 October 2017**  
One Birdcage Walk, London



**PRESENTED BY:**

Chris Binns,  
Chief Engineer,  
Crossrail Ltd

**FREE AND OPEN TO ALL**

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**Lecture**  
Railway Division

# THE CROSSRAIL PROJECT: COMMISSIONING THE ELIZABETH LINE

16 October 2017

## CROSSRAIL LIMITED IS BUILDING THE ELIZABETH LINE – A NEW RAILWAY FOR LONDON AND THE SOUTH EAST.

Europe's largest infrastructure project, Crossrail is delivering 42km of new tunnels, 10 new stations and improvements at many more. The new accessible railway stretches from Reading and Heathrow in the west to Shenfield and Abbey Wood in the east and opens in phases as the Elizabeth line from December 2018.

This lecture outlines progress as the huge underground structures and individual systems are brought together to form the working railway, and Crossrail Limited is poised to start dynamic testing with the new rolling stock.



**CHRIS BINNS,  
CHIEF ENGINEER  
Crossrail Ltd**

Chris Binns has worked on the Crossrail project since July 2015. He is the Chief Engineer for the Crossrail Programme providing engineering technical leadership through a team of heads of disciplines and managers of engineering. As the Crossrail engineering technical authority, Chris provides leadership of the engineering function including railway systems, mechanical, electrical and public health systems, architecture and civil engineering. The engineering function, through the Technical Assurance Plan, assures that the Crossrail project delivers a safe, operable, maintainable and high-performing railway in accordance with the requirements set by project sponsors the Department for Transport and Transport for London.

Chris was previously the Head of Engineering for Network Rail's Thameslink Programme from 2008 until July 2015 delivering technical assurance of the upgrade of the North – South interconnection through London.

### PROGRAMME

- 17:30** Registration and refreshments
- 18:00** Lecture begins
- 18:40** Q&A session
- 19:00** Lecture ends

### OTHER EVENTS TO LOOK FOR:

#### **YOUNG ENGINEERS' RAILWAY SEMINAR: SKILLS AND KNOWLEDGE FOR THE FUTURE OF RAIL ENGINEERING**

19 October 2017, London

This year's event will equip those in the early stages of their careers with the skills and knowledge currently needed for rail engineering. Learn from key industry leaders about how they are approaching current technical challenges and planning for the future of rail.

[www.imeche.org/yers](http://www.imeche.org/yers)

#### **CAPACITY OR PERFORMANCE – EITHER OR BOTH?**

14 November 2017, London

This seminar will feature case studies from key operators who have managed to practically address the balance between performance and capacity. Learn about best practice and the latest strategies that will help you improve the performance of your railway whilst increasing capacity.

[www.imeche.org/capacityorperformance](http://www.imeche.org/capacityorperformance)

### FOR MORE INFORMATION:

VISIT: [www.imeche.org/crossrail](http://www.imeche.org/crossrail)

CALL: **+44 (0)20 7973 1251**

EMAIL: [eventenquiries@imeche.org](mailto:eventenquiries@imeche.org)

**Improving the world through engineering**