Crossrail

Havering over 50s forum
8 August 2017

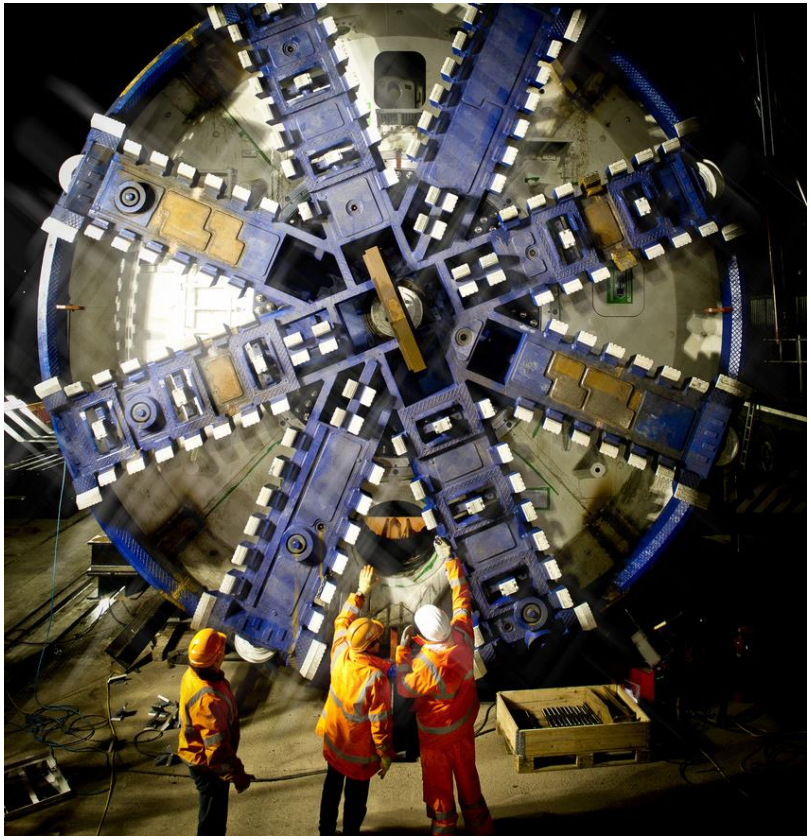
- John Goldsmith
- Community Relations Manager
- Crossrail

What is Crossrail?

- Europe's largest infrastructure project
- A new high capacity, high frequency railway across London
- Providing a 10% increase to London's rail capacity
- New, greener, air conditioned trains will be 200 metres long and carry up to 1500 passengers

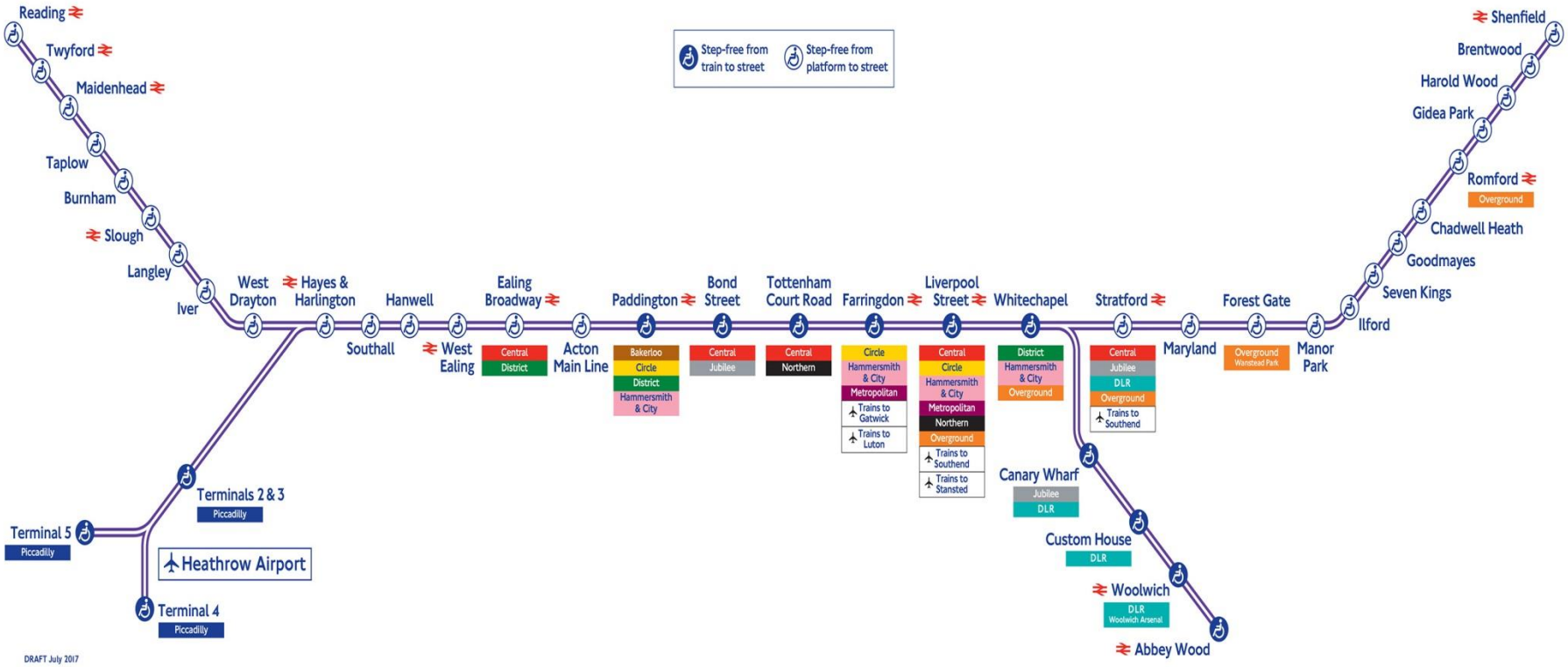
Europe’s largest infrastructure project

- **Over 43 km** of new tunnels under Central London
- **6 million tonnes** of excavated material
- **8** new underground stations
- **400,000** tonnes of steel
- **1.6 million** tonnes of concrete



Crossrail

Elizabeth line



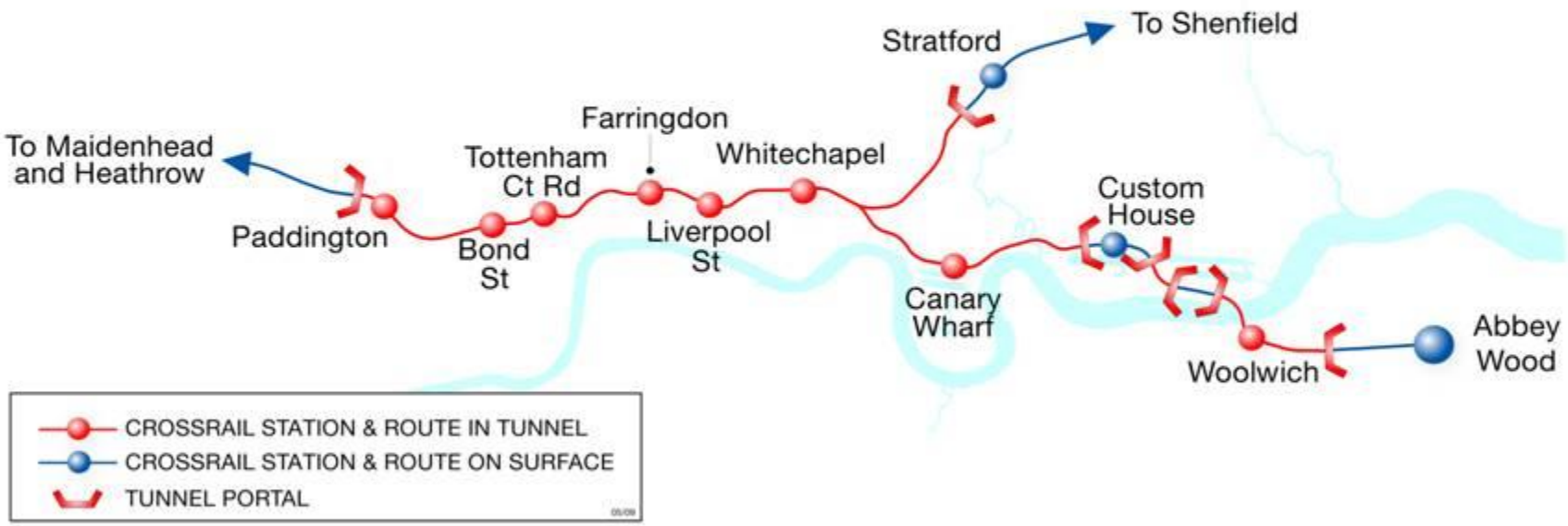
MAYOR OF LONDON

ELIZABETH LINE

TRANSPORT FOR LONDON

EVERY JOURNEY MATTERS

21 km of new sub-surface twin-bore railway through London



8 sub-surface stations

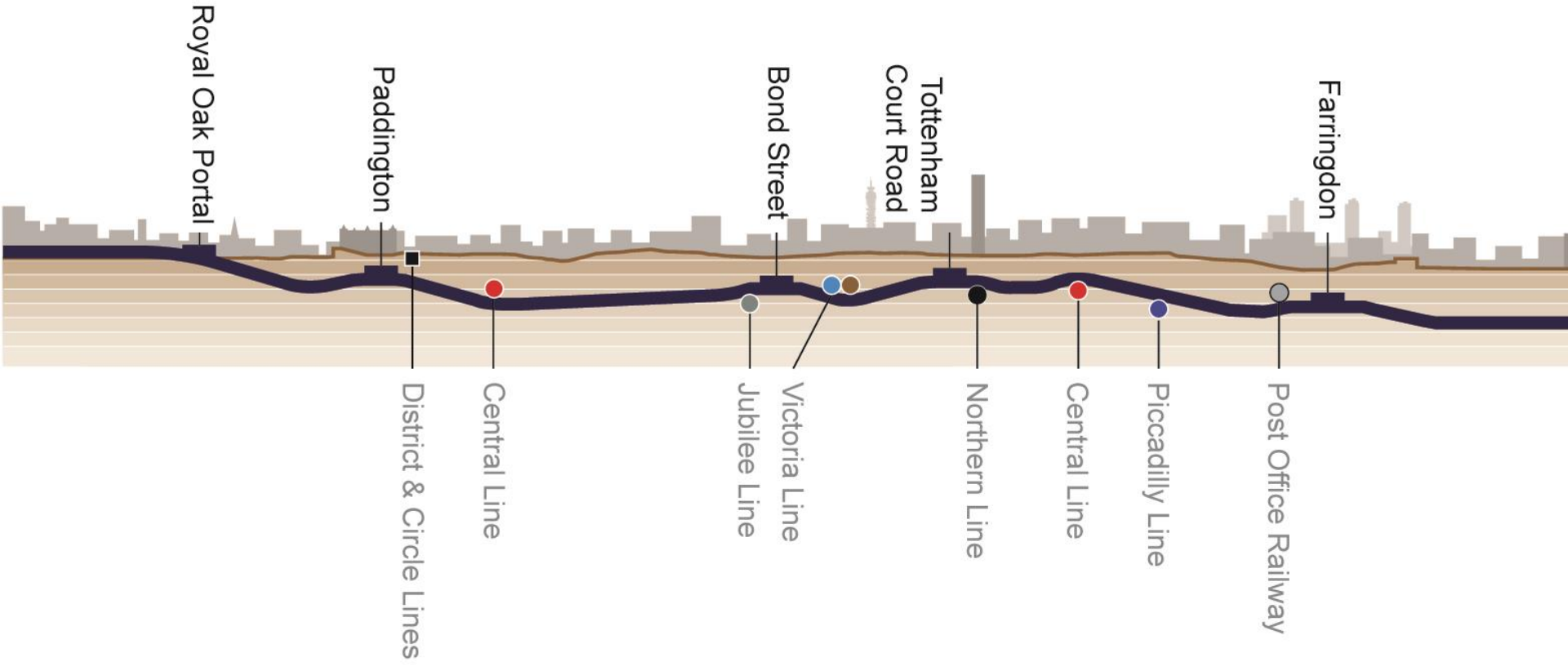
Elizabeth Line Rolling stock

- Lightweight energy efficient trains (10 to 18% lighter)
- Maximised passenger capacity – 200m long trains with wide aisles
- 1,500 seated & standing passengers per train at peak times
- Regenerates energy during braking (major savings in energy and CO_2 emissions) - minimises heat energy into the tunnel

New Rolling Stock

Interior of Rolling stock

Tunnel Vertical Section

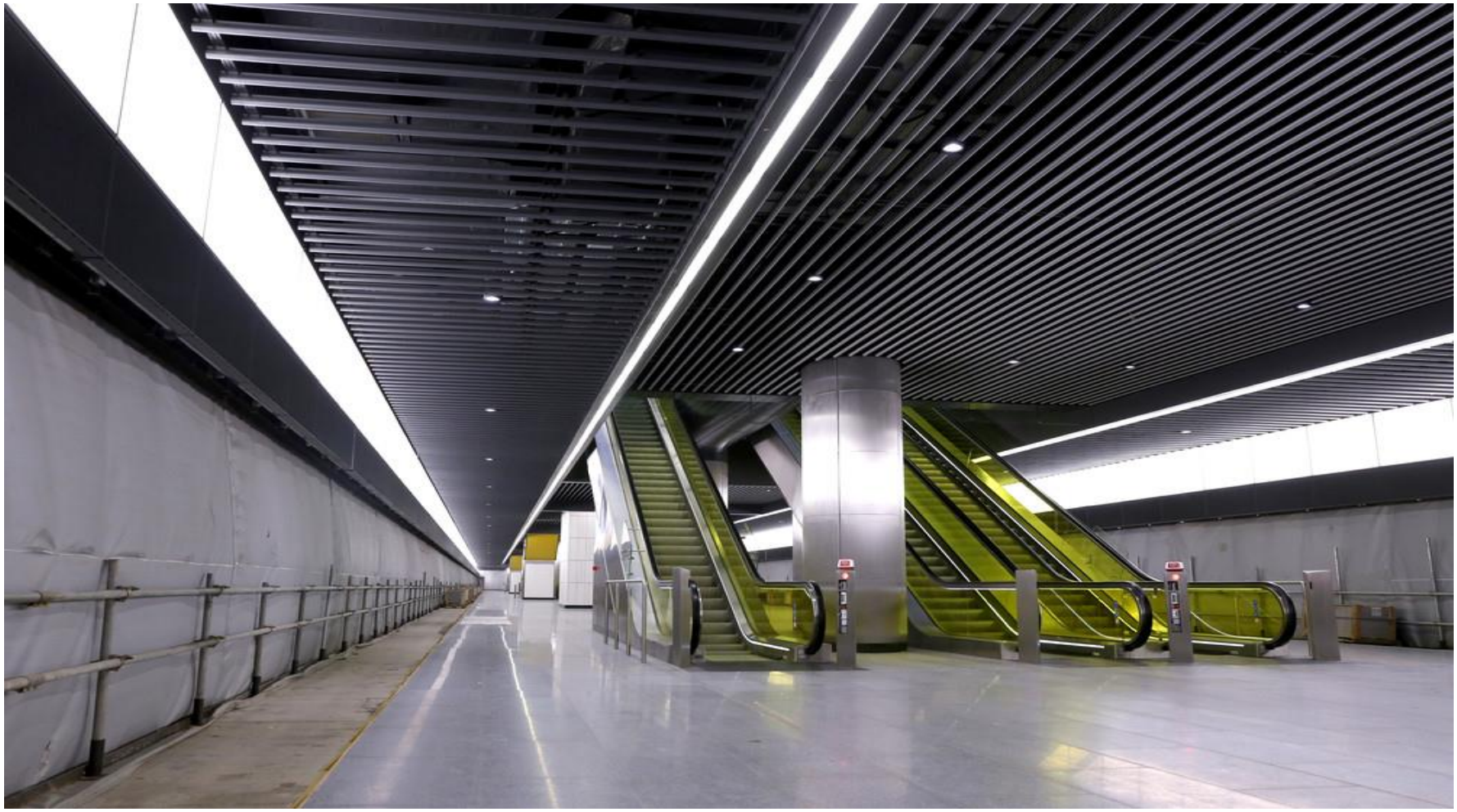


Thames Tunnel Portal

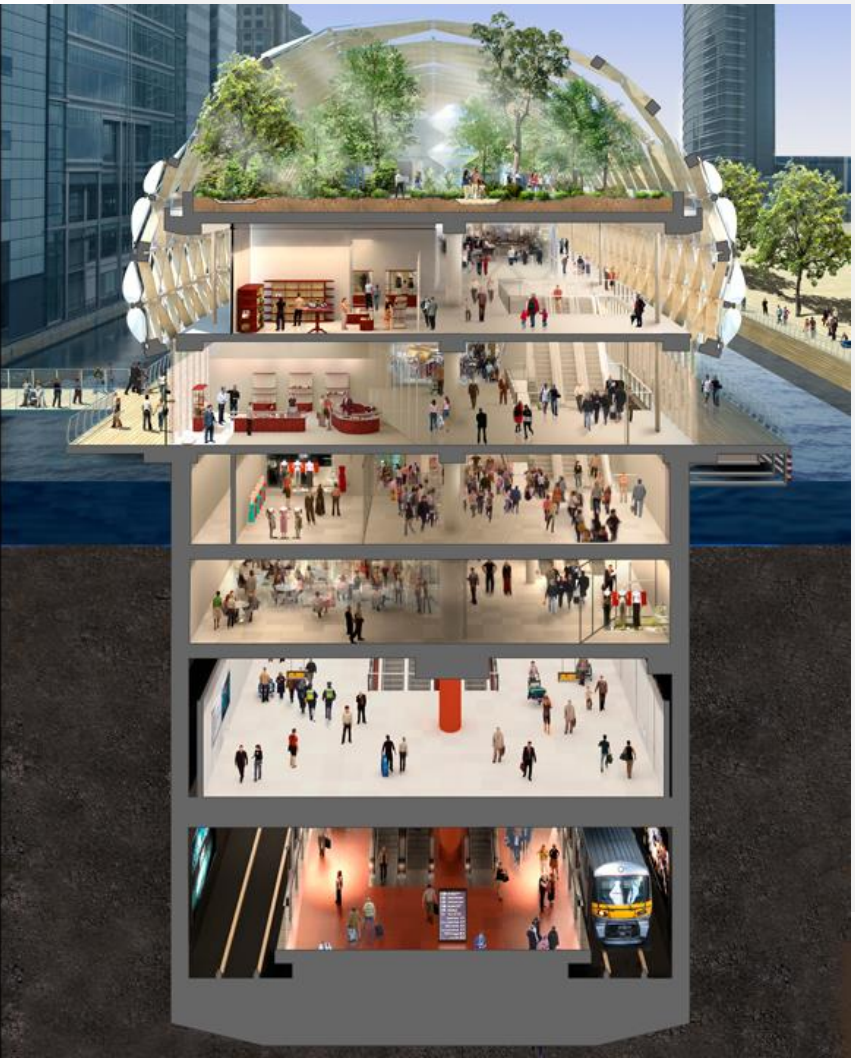
Thames Tunnel

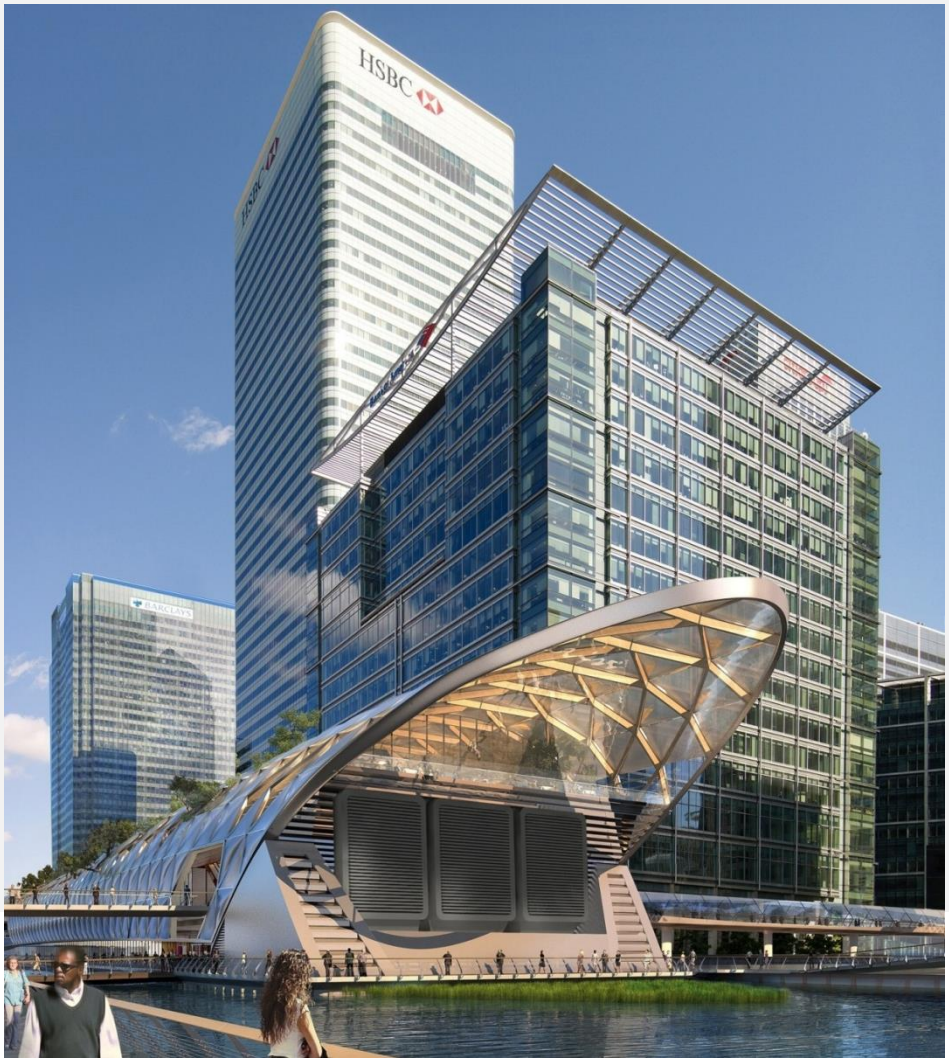
Crossrail

Canary Wharf station

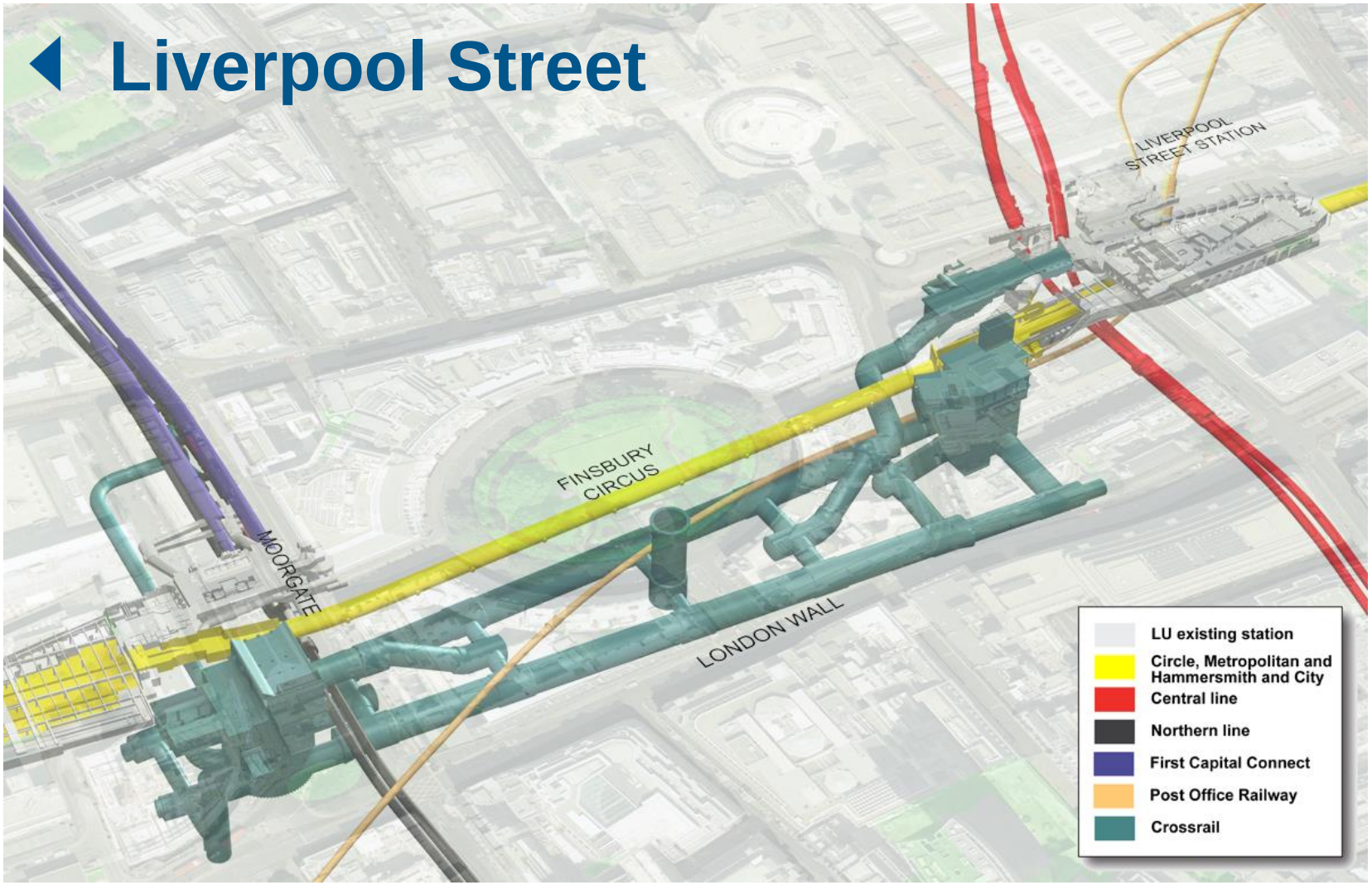


Canary Wharf station – located in North Dock





Liverpool Street



Improvements at Romford, Gidea Park & Harold Wood

- Platform extensions
- Lifts to platforms
- New CCTV & customer information
- New footbridge at Harold Wood station
- New northern entrance at Romford station

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Commencement of Services

- Liverpool St (Mainline) to Shenfield — Summer 2017
- Paddington (Mainline) to Heathrow — May 2018
- Paddington (Low level) to Abbey Wood — Dec 2018
- Paddington (Low level) to Shenfield — May 2019
- Reading / Heathrow to
  Abbey Wood / Shenfield — Dec 2019

Journey times from Harold Wood Station

- Liverpool Street in 32 minutes
- Tottenham Court Road in 37 minutes
- Paddington in 43 minutes
- Canary Wharf in 32 minutes
- Heathrow in 68 minutes

Journey times from Gidea Park Station

- Liverpool Street in 29 minutes
- Tottenham Court Road in 34 minutes
- Paddington in 40 minutes
- Canary Wharf in 29 minutes
- Heathrow in 65 minutes

Journey times from Romford Station

- Liverpool Street in 27 minutes
- Tottenham Court Road in 32 minutes
- Paddington in 37 minutes
- Canary Wharf in 27 minutes
- Heathrow in 62 minutes

- **Any Questions?**

MOVING LONDON FORWARD