



Interior images of Old Oak Common Station building proposals, HS2 Ltd

## Mentoring with Phase One station design teams

At a mentoring session in February the Design Panel applauded the substantial work and sophisticated thinking undertaken on the design of Old Oak Common Station building. It feels the quality of the architecture, including the proportionality and nuance of the station's interior spaces, promises a distinctive building. However, the panel cautions the team that in realising this potential it will be important to secure non-negotiable design elements now to ensure these are not diluted as detail design work continues.

The redevelopment of Euston Station is a complex multi-stage, multi-party undertaking - presenting the team with unique challenges. A variety of design options for the station building are being

considered, and the panel welcomed the opportunity to comment on proposals at a mentoring session in February. It found much to admire in the rigorous design thinking being applied, encouraged by the characterful designs emerging - drawing on contextual cues characteristic of London stations, and this part of the borough of Camden.

Crucial to the success of HS2 stations will be both how they integrate with their immediate context, such as through high quality public realm, and also their role within the wider neighbourhood, such as contributing to regeneration opportunities. The panel looks forward to continuing involvement in these discussions across all stations - including future conversations about Euston, and the development of a comprehensive holistic vision reflecting the aspirations of HS2 Ltd, Network Rail, the master development partner, and Camden Council.

## Design Panel activities February 2019

# 3

### Workshop meetings

- HS2 Urban Design and Integration document
- Common Design Elements - Parapets, Piers and Noise Barriers
- Art and Culture Strategy

# 2

### Briefing session

- Procurement briefing - focusing on the emerging approach to the procurement of Design and Construct Suppliers for the two Phase One Midland stations
- Schedule 17 briefing - a panel member only briefing to discuss upcoming pre-schedule 17 submission design panel meetings in March

# 3

### Phase One station reviews

- Interchange Station - Automated People Mover - Mentoring
- Old Oak Common Station - Mentoring
- Euston Station - Mentoring

# 1

### Governance meetings

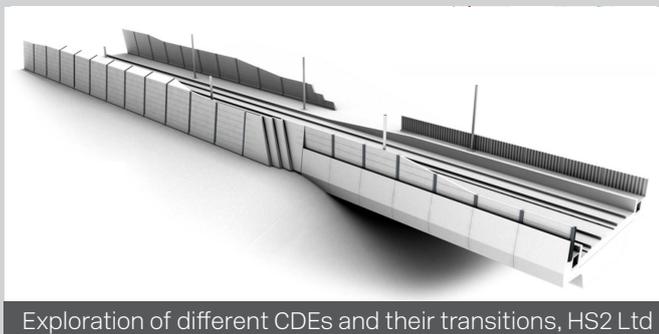
- February Design Panel monthly team meeting attended by the Design Panel chair, vice chair, secretariat and HS2 Ltd staff

# Developing designs for Common Design Elements

Common Design Elements (CDEs) are to be applied route wide, with the exception of Key Design Elements like the Colne Valley Viaduct, where design teams will develop bespoke solutions.

In February the Design Panel attended a mentoring session led by Phase One Main Works Civils Contractors - Balfour Beatty Vinci and Eiffage Kier (with support from other Phase One contractors) to discuss the design development of three Common Design Elements: piers; parapets; and noise barriers. The independent Chair of the Planning Forum, Edward Allett, was also present, providing a link with the Planning Forum. It was broadly supportive of the overall thinking presented - welcoming the development of 'rules' and 'parameters' to help establish a commonality across the route, champion design quality, and allow sufficient flexibility for CDEs to respond to their context.

The panel urges HS2 Ltd and the design team to ensure 'value added' is at the heart of future decision making - for example when deciding on the type and design of noise barriers and in the application of CDEs in different contexts. Understanding how all CDEs will integrate as part of a holistic design response, including their contribution to moments of 'human value'. For example, new viewpoints will be essential to gaining support from local planning authorities, and the overall perception of HS2 - a proud expression of the power and speed of high speed rail, carefully crafted to the landscape.



Exploration of different CDEs and their transitions, HS2 Ltd



Richard Cooke,  
New member of the HS2  
Independent Design Panel

## People's stories

Richard Cooke is a chartered civil and structural engineer with experience in various multi-disciplinary transportation infrastructure projects, principally a wide variety of bridges and structures in rail, highway and other sensitive environments, both in the UK and overseas.

He started his career with Arup in 1977 working on increasingly complex schemes, including the Ebbsfleet and Dagenham sections of HS1. He was AECOM's European Director of Bridges and Structures for eight years before setting up his own consultancy Richard Cooke Concepts Ltd in 2013. Notable schemes include the Kylesku Bridge in Scotland, Kuala Lumpur Light Rail Transit, and Çanakkale 1915 Bridge, with the world's longest span, currently under construction in Turkey.

Richard's breadth of knowledge and experience, coupled with his enthusiasm for bridge design and construction in the sector, are a welcomed addition to the Design Panel - helping it continue to champion the importance of high quality design across the HS2 project.

## Urban integration

In February, a workshop meeting was held to discuss the development of an HS2 Urban Design and Intergration document - which highlights that good urban design and urban integration thinking is integral to the overall success of HS2. The panel is broadly supportive of this work, and encourages HS2 Ltd to focus on inspiring others and working collaboratively to realise the opportunities HS2 presents.



Frame Projects  
Secretariat to the  
HS2 Independent  
Design Panel

**HS2 INDEPENDENT  
DESIGN PANEL**