



Emerging porous portal proposal, Phase One, HS2 Ltd

Phase Two Porous Portals

In December the panel met with members of the HS2 Ltd Phase Two team to discuss a piece of work being undertaken to explore how the design and efficiency of porous portals on Phase Two can be improved and refined.

The panel welcomes HS2 Ltd's interrogation of infrastructure elements such as porous portals. It highlights that this work not only offers opportunities for innovation and cost savings, but also the potential to develop creative and inspiring solutions that contribute to the overall perception and success of HS2.

Further technical information is still needed but the panel encourages HS2 Ltd to now move beyond understanding the functional requirements, and focus on developing designs that celebrate the railway and respond to the individual character of each location. The panel urges HS2 Ltd to utilise the innovative virtual reality tool developed by Arup to test different options - including how they can contribute to passenger experience.

Work developed now will be critical to setting an ambition for the quality of design HS2 Ltd expects from future contractors on Phase Two and the work of Phase One civil contractors.

Design Panel activities November and December 2018

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- Great Haywood section of the Phase 2a route - including viaduct and green bridge
- Whitmore Heath to Madeley section of the Phase 2a route - including two tunnels, porous portals and two viaducts
- Chair's review meeting to discuss Phase Two Porous Portals.
- Leeds Station

Phase Two meetings

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- HS2 Urban Design, Integration and Legacy Approaches Document scope
- Mentoring sessions by panel member Sam Richards to support the HS2 Ltd Urban Design and Intergration Team
- Interchange Station
- Old Oak Common Station
- Curzon Street Station

Mentoring sessions

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- Customer Experience - customer journeys and concepts
- Customer Experience - digital workstream
- Mentoring Session by panel members Gillian James and Patricia Brown on customer journeys and concepts

Customer Experience reviews

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- November and December Design Panel monthly team meeting attended by the Design Panel chair, vice chair, secretariat and HS2 Ltd staff
- HS2 Independent Design Panel annual meeting - including the inaugural HS2 Independent Design Awards (featured in the autumn Chair's Report)
- Colne Valley Viaduct briefing

Governance meetings

Developing an approach to urban integration for HS2

In November the panel met to discuss the scope of an Urban Design, Integration and Legacy Approaches document being developed by HS2 Ltd.

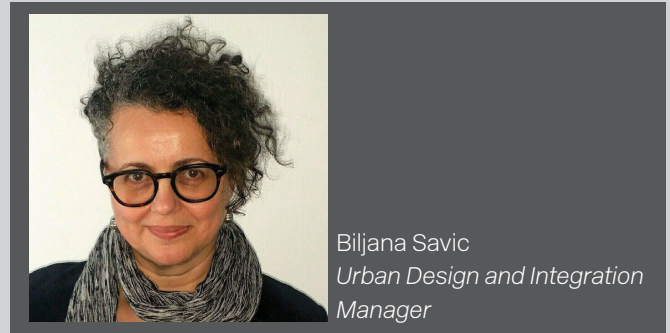
The panel welcomed this timely and proactive piece of work, highlighting it as an opportunity to create valuable guidance – particularly if it focuses on maximising project benefits.

The panel stresses the importance of high level advocacy - as well as authorship beyond HS2 Ltd - to ensure that the document has impact and weight. It also thinks it will be important not to stretch the document's scope too broadly and recommended that HS2 Ltd refine the document's scope and emphasis. The 'implementation' section will be critical part of the document and the panel suggested giving this significantly greater weight, for example, moving it upfront or potentially creating a stand-alone document to give it greater prominence.

While the panel thinks the thematic and topic gaps identified by HS2 Ltd are a fair representation of areas where guidance would be beneficial, it suggested further insights could be gained from the panel's existing recommendations – as well as through dialogue with other HS2 Ltd colleagues as the document evolves.



Aerial view of Abbey Wood station © Crossrail Ltd



People's stories

Biljana joined HS2 Ltd in November 2018 and is working alongside Joanna Averley on all aspects of urban design and integration across HS2.

Biljana previously worked within the Crossrail 2 Growth and Development team at Transport for London. There she dealt with public realm and surface transport coordination, over site development studies, scheme-wide housing model and development of Hybrid Bill powers. The role involved regular liaising with stakeholders, for example, Ministry of Housing, Communities and Local Government, and their development partners.

She has also held senior positions at the Commission for Architecture and the Built Environment, The Prince of Wales' built environment charities and Space Syntax Ltd. Since 2011 she has been actively involved in community-led planning across England as a volunteer and community enabler.

Mentoring - Sam Richards

In November, panel member Sam Richards led a mentoring session with HS2 Ltd's Urban Design and Integration team - sharing his experience of leading the Urban Integration Team at Crossrail. He talked about lessons learned from his experience at Crossrail, where his team was instrumental in the delivery of co-ordinated station, urban realm and over site development projects. Sam described key elements underpinning his team's approach, including the importance of partnership working.



Frame Projects
Secretariat to the
HS2 Independent
Design Panel

**HS2 INDEPENDENT
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