COSTAIN SKANSKA JV WINS CROSSRAIL SUSTAINABILITY AWARD

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For the second year running, the Costain Skanska Joint Venture (CSJV) team working on Crossrail's Bond Street station (C412) project have won one of the programme's top sustainability awards.

The CSJV Environmental team, led by CSJV Environmental Manager, Melissa Wellings, walked away with the 'Environmental Engagement' award at Crossrail's 2016 Sustainability Awards in recognition of the team's noise reduction remedies and engagement with the local community.

The award is given to contractors who promote best practice and demonstrate exceptional performance in tackling environmental issues on their projects. The team beat strong opposition from several shortlisted contractors working across the £14.8 billion Crossrail programme, which will be known as the Elizabeth line when services start running through central London in December 2018.

The Bond Street project in central London includes the construction of two ticket halls and tunnel connections in the heart of the West End. While the Western Ticket Hall on Davies Street is surrounded by residential properties and an antiques emporium housing valuable objects susceptible to vibration, the Eastern Ticket Hall on Hanover Square is located in a commercially dominated area.

Melissa and her team had to demonstrate close collaboration and engagement with everyone on site, from the supply chain to local residents and businesses, to ensure the project progressed with the minimum of disruption to all stakeholders.

"It was vital we tailored our noise and vibration control and mitigation measures to minimise disruption to local stakeholders," said Melissa.
The team employed noise and vibration specialists, project environment teams and engineers regularly attend noise management workshops to identify issues and to agree best practice noise control and management methods in advance of the works.

The team engaged with previous contractors to ensure that lessons could be learned from earlier works. They also worked with equipment manufacturers and the supply chain to ascertain whether further noise reduction could be engineered or alternative, quieter equipment / working methods could be utilised in advance of the works. For example, a large ventilation fan was designed with a bespoke acoustic enclosure to avoid problems that had previously occurred with ventilation equipment that had been used by a previous contractor.

Melissa said: "A great deal of dedication, time and effort has gone into managing noise and vibration at Bond St. This minimised the risk to both stakeholders and work programme and involved collaboration between the contractor, local authority, consultants and the site team."

Crossrail is a new high frequency, high capacity railway for London and the South East. Bond Street Crossrail station will be directly connected to the neighbouring Tube station allowing passengers to interchange between Crossrail and London Underground services in central London.

Crossrail's Sustainability Awards 2016 were held at Hilton, Canary Wharf, on 19th July.

Image: Left – Jade Cohen (Graduate Environment Advisor); Middle – Chris Sexton (Crossrail's Technical Director); Right – Melissa Wellings (Environment Manager)

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