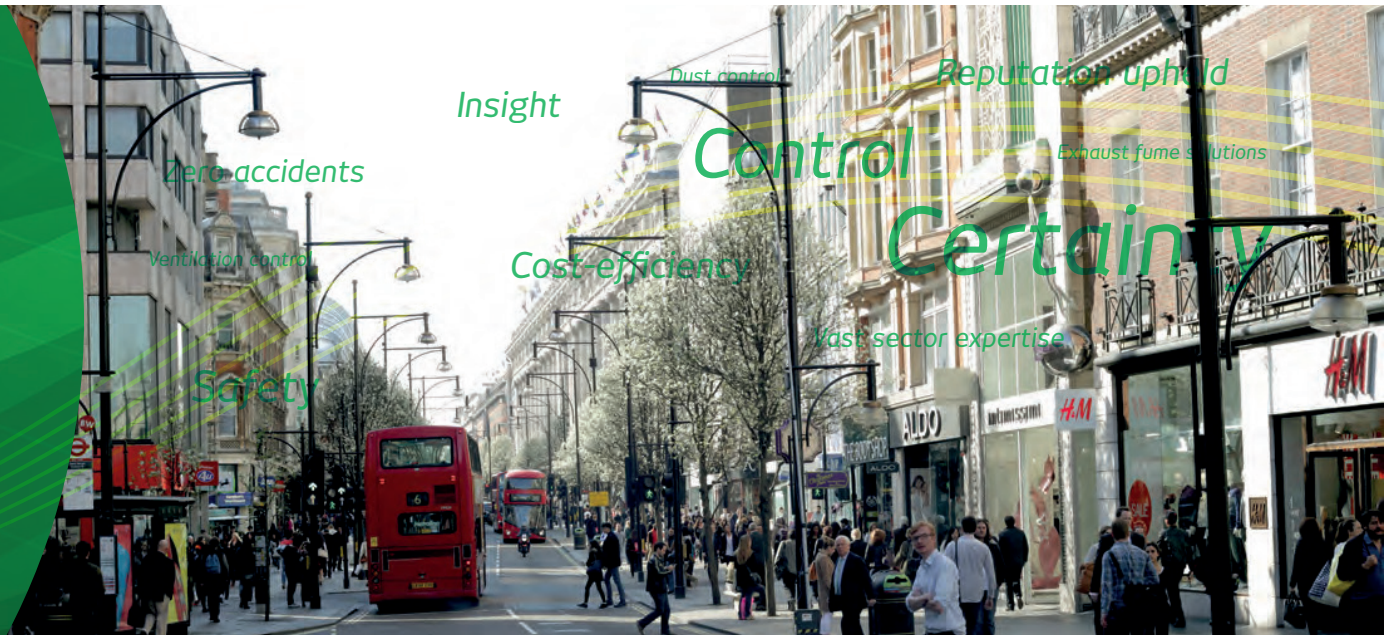


Sector: **Civils & Utilities**

Project: **Bond Street, London**

Tailored solutions meant it was **business as usual** for a famous London shopping street.



Understanding the Challenge

With Crossrail requiring the construction of new rail tunnels deep beneath the streets of London, and new stations being built in the capital's most populated and sensitive neighbourhoods, noise was always going to be an issue.

As one of the world's largest ever building projects it was inevitable it would come under intense scrutiny, so stringent health & safety and environmental policies would have to be strictly adhered to.

Whilst Bond Street was just one of many high profile station projects in the wider scheme, it was also adjacent to one of the most famous shopping streets in the world. With extensive enabling works required for gas, electricity and water diversions, Bond Street needed to be excavated whilst shops remained open for business. Customers and retailers

Creating the **Right Solution**

With works carried out at night and residents occupying high rise properties nearby, conventional barriers wouldn't have been effective for those living above the noise source.

RVT Group's innovative approach led to noise solutions being developed that controlled any noise effectively and efficiently.

- ✔ Bespoke SOUNDEX™ Mobile Enclosures completely enclosed the works and reduced the impact noise levels might have on those located on 2nd floor properties and above.
- ✔ Mobile enclosures could be moved along with the noise source, saving time and money by not having to install conventional noise barriers on 100s of meters of fencing.
- ✔ Constant monitoring was carried out at key locations and submitted to the council to prove their works were not exceeding the limits imposed on them.
- ✔ Multiple contractors endorsed the solutions provided as 'Best Practice' across many of the Crossrail construction sites.

Providing Real Benefits

RVT are proud to have played their part in keeping noise and disturbance to an absolute minimum whilst a 'world-class railway' was being built in one of the busiest cities in the world. Our approach meant contractors were able to keep to schedule and budget with noise solutions that were effective, practical and affordable whilst sales of famous designer brands were not affected by works going on outside their flagship stores in Bond Street.



NOISE CONTROL SOLUTIONS



SOUNDEX™ noise barriers completely enclosed the works and reduced the impact noise levels had on shoppers.



NOISE CONTROL SOLUTIONS



Bespoke SOUNDEX Mobile enclosures could be moved along with the noise source, or be used as a work station for cutting paving slabs etc. The roof helped to reduce the impact noise had on those located on 2nd floor properties and above.



NOISE MONITORING SERVICE

Constant monitoring was carried out at key locations and submitted to the council to prove their works were not exceeding the limits imposed on them.

World-class solutions for world-class success

We're focused on delivering solutions that overcome our customers' challenges, and firmly believe that a team with a real can-do attitude can achieve anything.

With proven success on some of the world's most prestigious projects, we ensure our customers keep working efficiently and effectively and get the job done safely wherever they are.

Contact us to discuss out how RVT Group can help you overcome your next challenge in the Civils & Utilities Sector on **+44 (0) 844 324 0601**



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