



# **BRITISH TUNNELLING SOCIETY**

Jointly with

**MinSouth**

## **INFORMAL DISCUSSION**

**Thursday 21<sup>st</sup> February 2008 at 6.00pm**

**at**

**The Institution of Civil Engineers**

**One Great George Street, Westminster, London SW1P 3AA**

## ***Drill and Blast Tunnelling Bristol City Centre Flood Alleviation Phase II***

### **Presented by:**

**Richard Soloman      Wessex Engineering and Construction Services**

**Damian McGirr      Donaldson Associates Limited**

**Mark Thomas      Wessex Engineering and Construction Services**

Bristol City Centre Flood Alleviation Phase II is a scheme undertaken by Wessex Water to remove 57 properties from the flood register by April 2009. The discussion will describe the background to the scheme, the two main options considered, the procurement process, selection of the contractor and the design and construction of the scheme to date.

The key feature of the project is the construction of an 800m long tunnel by drill and blast techniques below the University of Bristol to connect to the existing Northern Foul Water Interceptor Sewer which was constructed in the early nineties. The tunnel span is approximately 4m and the cover is up to 70m. The tunnel is being constructed through interbedded sandstone, limestone, siltstone and mudstone from the Quartzitic Sandstone Group and the Hotwells Group (Cromhall Sandstone Group).

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**Tea and biscuits will be available at 5:30pm**

**In case of any query please**

**contact The Secretary, BTS tel: 020 7665 2233 or e-mail: [bts@ice.org.uk](mailto:bts@ice.org.uk)**

**or visit <http://www.britishtunnelling.org>**