



The
Geological
Society

A Joint ICE and SERG Meeting



Date: 12 May 2015

Location: Mott MacDonald House, please note earlier 17:30 for 18.00 start

Hooley Cutting Stabilisation Project

**A talk by Stuart Jones (Network Rail) and
Andrew O'Donovan (BAM Ritchies)**



Hooley Cutting is on the north side of the North Downs just south of Croydon on the main London Brighton railway line and is over 100 years old. In recent years there have been a number of land slips from the steep cutting sides. Following preparation work over the Christmas and New Year period at the end of 2011, Network Rail commissioned a £7.5 million contract to provide stabilisation to the cutting. An internal collaboration between BAM Nuttall Rail and specialist geotechnical division BAM Ritchies successfully carried out the work completing it in early 2013.

The project was a double winner at the 2013 ICE SEE Engineering Excellence Awards, winner at the 2014 Ground Engineering Awards and winner at the 2014 Construction News Awards. The talk provides a short history of the issues necessitating the stabilisation work, will cover the design development aspects and the construction works which included some innovative techniques as well as dealing with the presence of 'Roman Snails' – a protected species. The remedial solution was completed with trains running as normal, therefore not affecting passenger journeys.

Stuart Jones is a Scheme Project Manager with Network Rail and helps maintain and develop Britain's rail tracks, signalling, bridges, tunnels, level crossings, viaducts and 17 key stations. Andrew O'Donovan is a Contracts Manager at BAM Ritchies responsible for most contracts across the south of England and was heavily involved in both the advanced and main works at Hooley. Andrew is a Civil Engineer with a Master's degree in Civil Engineering specialising in Construction Management, Geotechnics and Water Treatment. He has worked for both consultants and contractors specialising in geotechnical activities.

**LOCATION: Mott MacDonald House (Room 3, Floor 1),
8-10 Sydenham Road, Croydon, CR0 2EE.**

This event is kindly sponsored by



Please let us know if you plan to attend so that we have an idea for numbers for catering southeastrg@googlemail.com

Details of this and other events are provided on the SERG section of the Geology Society website:
<http://www.geolsoc.org.uk/serg>

