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MR JAY CARVER - ARCHAEOLOGY SPECIALIST

ACCOMPLISHMENTS Jay is an archaeology specialist with more than 25 years' experience supporting clients and contractors in the design and delivery of archaeology programmes for major infrastructure and development projects. He spent 6 years on the UK High Speed 1 project (1998-2004) and has been technical author and advisor for national historic environment technical standards and guidance for CIRIA, CEEQUAL, and HIGHWAYS ENGLAND. He was lead archaeologist (2008-2016) for Crossrail in London UK, where he has designed and delivered a complex 6-year programme of archaeology works from inception to publication and archive. He is Managing Director of 4AD Consultants Ltd and is currently providing the lead archaeologist role for the High Speed 2 Phase 1 rail project, central section enabling works.

- SKILLS & ABILITIES**
- Archaeology programme management, supervision, and risk reduction
 - Preparation of strategic, management and project design documents
 - Contract review and establishing best-value processes
 - Experienced in all periods and burial ground investigation and clearance
 - Procurement and supervision of sub-contractors
 - Expert witness for contract arbitration and public inquiry
 - Media spokesperson major projects
 - Creative lead, stakeholder engagement and community impacts
 - Public speaker communicating archaeology to local communities

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|--------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PROFESSIONAL EXPERIENCE | 2017-present | Lead Archaeologist Hs2 Phase 1 Enabling Works Central Section – Fusion-JV |
| | 2007-present | Consultant to Countryside Properties UK – Environmental Impact Assessment (Heritage and Archaeology) and Project Design for major community development proposals |
| | 2008-present | Technical topic advisor to CEEQUAL Ltd |
| | 2016-2016 | Archaeology lead advisor to BBVJV HS2 Phase 1 tender team –Enabling works and main works bid development |
| | 2008-2016 | Lead Archaeologist for the London Crossrail [1] project – London |

2003-2016 Consultant to **Highways England** (Highways Agency) **Technical Frameworks (WSP PB)**.

2008 Technical Co-author **CIRIA** – development of guidance

2004-2011 Lead Archaeologist for **UK major highway projects** – including expert witness, A30 Bodmin – Indian Queens, A46 Newark to Widmerpool; M1 J10-13 Widening, and A5-M1 Link Road (**for Scott Wilson Ltd**)

2008-2009 Lead Archaeologist (Thames Water Ltd) – Topic Leader **for Thames Tideway tunnel** ‘super sewer’ at site selection phase assessment

2008 Lead expert historic environment for the **UK Department for Transport**– (DFT) Airports Strategy Directorate London Heathrow Airport Expansion

2008 Consultant for Guelb el Aouj Iron Ore project, **Mauritania** – IFC technical review

2007 Team Specialist consultant for **Belgrade Port**, Serbia – ESIA for redevelopment of historic port

2004 Lead Archaeologist, **London Docklands Light Rail (DLR)** – cultural heritage and archaeology planning consents, mitigation designs, and procurement and construction supervision for City Airport DLR extension

1998-2004 Senior Archaeologist for the **Channel Tunnel Rail Link (HS1)** project – responsible for design and supervision of archaeology programme

1991-1998 Various major infrastructure projects as client or main contractors’ archaeologist (utility, transport, commercial)

EDUCATION ARCHAEOLOGY BA HONS 1998, UNIVERSITY COLLEGE LONDON 1ST CLASS

Chartered Institute for Archaeologists Member (MCIFA Registration No. 1399)

CSCS cardholder

Member of CEEQUAL/BRE technical advisory board (2008-16)

CEEQUAL scheme assessor

TECHNICAL STANDARDS CONTRIBUTION Contributing author -Design manual for Roads and Bridges (DMRB) 2005- Volume 10/Section 0 Digital Data- Cultural Heritage

Lead author - Highways Agency Supplementary Guidance 'Assessing the effects of Road Schemes on Historic Landscape Character 2007'. (Highly commended Landscape Institute awards)

Contributing author - CIRIA Guidance books (C672) 2008 'Archaeology and development. A good practice guide to managing risk and maximising benefit'

Lead author -Design manual for Roads and Bridges (DMRB) 2008- DMRB Vol 10, Section 6, Part 2, HA 117/08, Cultural Heritage Asset Management Plans

Lead author -CEEQUAL Version 4.0/4.1 (2008) Chapter 5, Historic Environment

Lead author – CEEQUAL (2015) Version 5 Projects Manual@ Section 5, The Historic Environment. DOI: <https://doi.org/DOI>: <http://www.ceequal.com/about.html>

Lead Author -CIRIA (2015) Environmental good practice on site guide (fourth edition) (C741D). Historic Resources chapter.

EXHIBITIONS (2012) Concept design and lead advisor for **"Bison to Bedlam"** a Crossrail exhibition of archaeological finds presented at: The Music Room, Grays Antiques, 26 South Molton Lane, London, Date: 7 Jul 2012

(2014) Concept design and lead advisor **"Portals to the Past"** exhibition of Crossrail archaeological discoveries presented at Centrepoin (Tottenham Court Road Visitor Information Centre) London 1-30 Oct 2014
<https://advisor.museumsandheritage.com/features/crossrail-portals-to-the-past-an-exhibition-of-archaeology-finds-2014/> ; <https://pia-journal.co.uk/articles/10.5334/pia.456/>

(2016) Concept design and lead advisor **"TUNNEL: THE ARCHAEOLOGY OF CROSSRAIL"** Exhibition and book at Museum of London Docklands Feb-Sep 2017 (winner Royal Historical Society prize for museums in the Public History category, 2018) Publisher: Crossrail ISBN: 9780993343322. London. 360 Visitor experience available at: <https://archaeology.crossrail.co.uk/?view=1&heading=284&pitch=-10>

**CONFERENCE,
PUBLICATIONS &
PROFESSIONAL
INVOLVEMENT**

Institute for Field Archaeologists. Paper to conference, Newcastle, UK 2001.

'Integrating archaeology and development in the construction sector'

London Museum at Docklands. Paper to seminar September 2003. 'Channel Tunnel Rail Link, Section 2. The archaeology and geo-archaeology of the Thames Estuary'

Carver, J (2003). 'The Channel Tunnel Rail Link Section 1 Post-excavation Project Design'
<http://archaeologydataservice.ac.uk/archives/view/ctrl/downloads>

Society of Antiquaries, London. Paper to seminar. October 2004. 'Channel Tunnel Rail Link. Development of the Archaeological Digital Archive for the ADS'. (CTRL archaeology programme winner RTPI Award for Heritage 2008)

English Heritage. Compression and Archaeology Conference July 2008. Paper: 'Techniques and models for preservation in situ are archaeological remains below earthworks and embankments. The CTRL case study' Bedford,UK

Institute of Field Archaeologists. Paper to conference, Taunton,UK 2009. 'Development of the Highways Agency Nationwide historic asset database'

UK Historic Environment Records Forum Summer Meeting 2009 – Technical Paper – 'The Highways Agency Cultural Heritage Management Plan'

Carver, J. (2009) 'Recent publications in roads archaeology'. Antiquity Journal. Review Article. ANTIQUITY 83 (2009):218–222

Highways Agency National Training Workshops, UK (2010) – 'Cultural Heritage Asset Management Plans', Lead presenter and chairman

Crossrail Ltd – presentations to project leadership teams (March 2010) – 'Archaeology Integrating with the Project Programme'. London

Proceedings of 15th International Conference on Cultural Heritage and New Technologies in the City Hall of Vienna, Austria (2010): 'The urban archaeology of the London Crossrail Project: Approach, organisational management, constraints and challenges of integration'

Proceedings of 16th International Conference on Cultural Heritage and New Technologies in the City Hall of Vienna, Austria (2011): 'Crossrail. Integration of data sources and site risk profiling'

Proceedings of 17th International Conference on Cultural Heritage and New Technologies in the City Hall of Vienna, Austria (2012): 'Crossrail. Ethical issues and excavation of the Bethlem post medieval burial ground at Liverpool Street'

Institute of Field Archaeologists. Paper to conference, Birmingham (2013): 'Crossrail, measuring the impact of works in the historic environment on site through media and community involvement'

Carver, J.J., 2013. 'The Challenges and Opportunities for Mega-Infrastructure Projects and Archaeology'. Papers from the Institute of Archaeology, 23(1), DOI: <http://doi.org/10.5334/pia.437>

Carver, J (2013). 'The Crossrail Archaeology Programme', in Civil Engineering Surveyor. The Journal of the Chartered Institute of Civil Engineering Surveyors. August 2013 Issue <http://ces.digitalpc.co.uk/Portal/Default.aspx?Id=1>

Carver J (2014) International Conference on Cultural Heritage and New Technologies in the City Hall of Vienna, Austria (2014) Paper: 'The Charterhouse 25. Window on the Black Death', London Crossrail Project (unpublished).

(2014-2017) Series Editor: Crossrail Archaeology Publication Series Nos 1-10. Ten volumes on the archaeology of Crossrail published by MOLA and Oxford Archaeology on behalf of Crossrail Ltd.

Carver J (various dates) Series editor and contributor: London Crossrail Project – Learning legacy – Series of papers and specifications produced for the Crossrail project (2010-2016) <https://learninglegacy.crossrail.co.uk/learning-legacy-themes/environment/archaeology/>
