

BOF RESEARCH PROJECTS

Projects initiated by BOF which have received funding

2002/03

Technical Audit of BA79 – A review of bridge assessment failures on the motorway and trunk road network – funded by HA – Parsons Brinckerhoff

Technical Audit of BA79 - The management of substandard bridges – funded by HA – Parsons Brinckerhoff

2003/04

Masonry arch bridges: condition appraisal and remedial treatment - CIRIA / Mott MacDonald

2004/05

Dry stone retaining walls: condition appraisal and remedial treatment – joint funding (CSS, DfT, Network Rail, DRD(NI)) – CIRIA / Mott MacDonald

Iron and steel bridges: condition appraisal and remedial treatment – joint funding (DfT, Network Rail, British Waterways, TfL) – CIRIA / Gifford WSP

Contingency Loading for Bridges – funded by HA

2005/06 - No new projects due to Ministerial moratorium

2006/07

Training and qualification of bridge inspectors (£50k)

Revision of BS6779 Part 4 (masonry bridge parapets) (£100k for each of 4 years)

Bridge deck slabs with non-metallic reinforcement – (£55k)

Carbon composites for the strengthening of steel structures – (£65k)

2007/08

Automating Bridge Inspections (£50k)

NDT of macalloy bars tying prestressing beams (£146k)

Scanning of HA Research Reports (£30k) – consultancy project

Other project for which BOF support was requested and which received funding

ESDAL Electronic Service Delivery of Abnormal Loads – initiated & funded by DfT