

BOF RESEARCH PROJECTS & Project Steering Groups – Update

2004/05

Dry stone retaining walls: condition appraisal and remedial treatment –
Published by CIRIA as C676, March 2009 - R.Wilson

2006/07

Bridge inspector competence and training (Phase 1)

Project Steering Group(PSG): Chair: Stephen Pottle (TfL)
Members: Brian Bell (NR), Graham Bessant (LUL), Peter Brown
(CSS/Oxford), Ian Sandle (HA), Richard McFarlane (LoBEG)

Revision of BS6779 Part 4 (masonry bridge parapets)

Project Steering Group(PSG): Chair: Brian Bell (NR)
Members: Graham Bessant (LUL), Tudor Roberts (WAG), Rod Howe (BW),
Brian Poole (CSS/Durham)

Bridge deck slabs with non-metallic reinforcement

Project Steering Group(PSG): Chair: Albert Daly (NRA)

Carbon composites for the strengthening of steel structures

Project Steering Group(PSG): Chair: Brian Bell (NR)
Members: Graham Bessant (LUL), Martin Dills (BW), Neil Loudon (HA),
Peter Brown (CSS/Oxford)

2007/08

Automating Bridge Inspections

Project Steering Group(PSG): Chair: Stephen Pottle (TfL)
Members: Albert Daly (NRA), Richard McFarlane (LoBEG)

NDT of macalloy bars tying prestressing beams – Brian Bell

Project Steering Group(PSG) : Chair: No appointments as yet
Members: Brian Bell (NR)

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

Project Steering Group(PSG): Chair: No chair appointed
Members: Neil Loudon (HA), Cam Middleton (CUED)

2008/09 – No new BOF research projects funded by DfT

2009/10 – BOF projects recommended to Bridges Board: February 2009

- a. Bridge Inspection Competence and Training (Phase 2)
- b. Review of Road Restraint Systems in Urban and Rural Areas
- c. Best Practice for Specifying Long-life Road Surfacing for Bridges
- d. Design, Maintenance and Inspection of Concealed Metal Connectors and Bearing Pins in Moving Bridges
- e. Life-time Considerations of FRP Strengthening

NOTE: The following research proposals originally listed for 2008/09 were not recommended to the Bridges Board in February 2009.

- f. Quantifying the Reliability of Non-intrusive Inspection Techniques for Multi-strand Bridge Cables using Probabilistic Assessment
- g. Monitoring of a Novel Flexible Concrete Arch Bridge Using Fibre Optic Sensors