



<b>Project Title:</b>	Slapton Culvert
<b>Client:</b>	Highways England
<b>Date of Work:</b>	April 2013

Project description

The remedial works to be undertaken included installation of through tie-bars and walings to the retaining/headwalls, undertaking Cintec anchor installation into the ends of the culverts where necessary, brickwork repairs and replacement to the culverts and walls and infilling the void in the floor of culvert 2 using non shrink concrete. Additional work was completed and a brief description is included below, along with the original items of work: (please refer to the as-built drawing and final bill of quantities for specific details of the completed work).

The original scope of work included the following:

- Installation of through tie bars and walings to the retaining/headwall.
- Install Cintec Anchors into the ends of the culverts.
- Brickwork and fracture repairs to the culverts and walls.
- Infilling of void in the floor of the central culvert using non shrink concrete.
- Grouting of circumferential fracture and void in culvert 1.
- Pointing/Grouting of voids in the invert of culverts 1 and 3 with Granolithic Concrete screed.

Project Constraints

- Ecology.
- Public Interface.
- Poor condition of structure.
- 3<sup>rd</sup> party negotiations (landowners).
- High Level access.
- Plant and Materials delivery logistics.
- Site Security.
- Confined Space Working.
- Working in a watercourse.
- Contamination of watercourse.