



<b>Project Title:</b>	Virginstow Bridge Infill
<b>Client:</b>	Highways England
<b>Date of Work:</b>	Mar 2015

Project description

Structure NCL/17 "Virginstow Bridge" carries an unclassified road over the track bed of the former North Cornwall Branch line in Virginstow, Devon. The bridge is a single span masonry arch bridge. The abutments, wing walls, parapets and arch barrel are constructed from sandstone masonry blocks. The clear span is 8.6m between abutments as measured on site. There is no angle of skew.

The road is a single carriageway 3m wide with grass verges of 0.5m and 1.1m to the North and South of the carriageway respectively. The national speed limit of 60mph applied although practical speeds are limited by the road geometry. The road is not suitable for HGVs and there is low use by other vehicles.

Phase 1 – Completed (09/02/2015 – 31/03/2015)

Infilling of superstructure with foamed concrete, and creation of top-soiled 6N embankments to the both elevations.

Phase 2 – Completed (31/03/2016)

Grout up any settlement voids.

Project Constraints

- Ecology.
- Planning.
- Public Interface.
- Traffic Management.
- Poor condition of structure.
- 3<sup>rd</sup> party negotiations (landowners).