The existing 1.1m high parapet on the South elevation is to be upgraded to a 1.4m high parapet to enable the provision of a new footway/cycleway on the South verge. 1.4m high parapet on bridges is a requirement for all new footway/cycleways under DMRB TD 19/06.

As part of the A46 Stoneleigh junction improvements, it is envisaged that the following maintenance works to the existing bridge will also be undertaken:

1. Concrete deck at the location of the service bay in the South verge will be strengthened.
2. Kerbs & carriageway surfacing will be planed off & replaced to the proposed new gyratory alignment.
3. Bridge deck waterproofing system will be replaced.
4. Minor repairs & maintenance subject to the findings of further inspection.

For the construction of the A46 Stoneleigh junction improvements, the new designs have been prepared in accordance with the requirements of DMRB, Sections 220, 221 & 222 and have been approved by the Design Review Panel as a new scheme. The drawings have been prepared to the standards of A400/001:97. The drawings are intended to show the existing conditions and the proposed schemes.

The drawing Title is: A46 Link Road

Phase 1 (Stoneleigh) - A46 Existing Bridge

Points:

1. The existing bridge over the A46 is to be retained and upgraded as part of the A46 Stoneleigh junction improvements.
2. The bridge deck waterproofing system will be replaced.
3. Other minor repairs & maintenance subject to the findings of further inspection.

The drawings show the existing and proposed layouts of the bridge. The proposed layout includes the new footway/cycleway on the South verge and the new service bay on the South elevation.

The bridge plan shows the proposed new South-West elevation and the proposed new cross section. The proposed new cross section shows the new footway/cycleway on the South verge and the new service bay on the South elevation.

The existing and proposed cross sections show the existing and proposed conditions of the bridge deck, including the new footway/cycleway on the South verge and the new service bay on the South elevation.

The scale of the drawings is 1:200, 1:100, and 1:50 for the bridge plan, proposed new South-West elevation, and proposed new cross section, respectively.

The drawings are intended to show the existing conditions and the proposed schemes for the A46 Link Road Phase 1 (Stoneleigh) - A46 Existing Bridge. The drawings are intended to be used for the construction of the A46 Stoneleigh junction improvements and are approved by the Design Review Panel as a new scheme.