

Fact Sheet – Strengthening of Cappenham Bridge and Shutlanger Bridge

Start Date: 11th October 2021

End Date: 30th January 2022

Traffic Management: 24/7 Road closure with access to residents and business only. No through route.

Scheme Overview

Shutlanger Road, Shutlanger to Heathencote, West Northamptonshire, provides an important link for the villages along its length providing access to the A5 and A508. Located on this road are a number of structures, two of these structures have recently been assessed to determine their load carrying capacity. These are

Structure 3291 Cappenham Bridge, assessed capacity 10t

Structure 3293 Shutlanger Bridge, assessed capacity 7.5t

To ensure the continued service of these two important structures a scheme has been developed, to restore both structures to full load carrying capacity 40t, using a fast and innovative method of repair in the form of MARS Helifix arch strengthening system. This is an efficient method of strengthening that will ensure long-term durability and functionality of the structures.

In order to undertake these strengthening works a road closure is required to ensure the safety of both the site operatives and members of the public. Due to the structures close proximity to each other on Shutlanger Road the full length of the road will be closed with no through access and access only to residential/business properties. Plant and materials required for the works will be situated on the carriageway throughout the construction period.

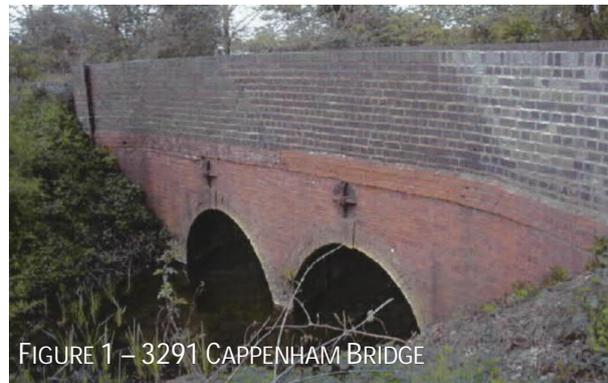


FIGURE 1 – 3291 CAPPENHAM BRIDGE

We are aware that the Shutlanger Road provides an important access between villages, resultantly we are expediting the works as much as possible, incorporating a six-day working week for the duration of the works to ensure the impact to local residents is minimised.

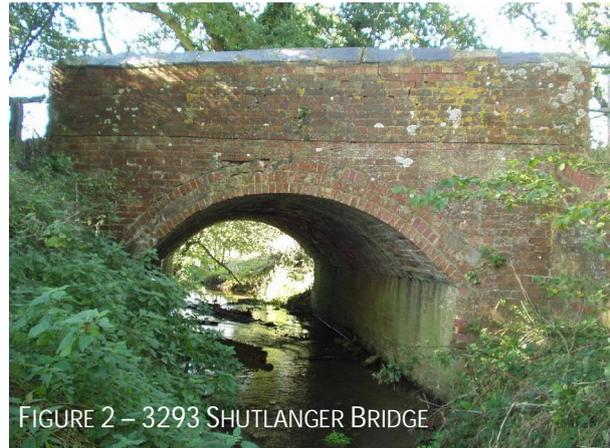


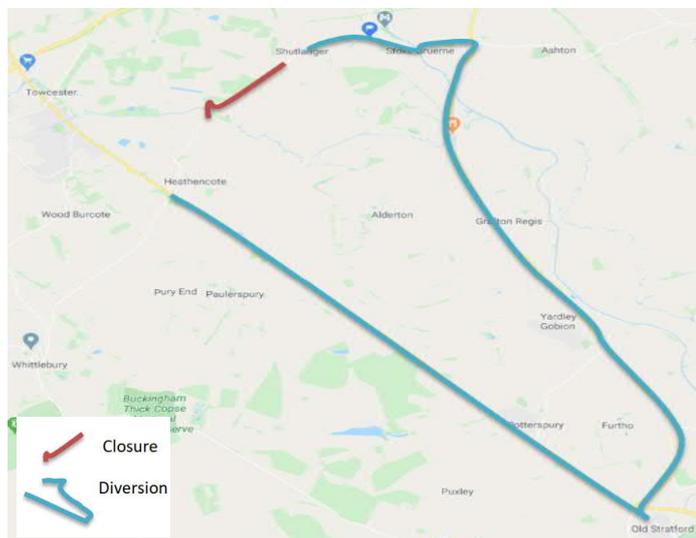
FIGURE 2 – 3293 SHUTLANGER BRIDGE

Traffic Management

The road closure will remain in place until the scheme is finished; this was assessed to be the most viable option to secure the safety of the public and the structures from further damage. The key on the right shows the road closure in red and the diversion in blue.

Our specialist traffic management contractor will inspect the site and diversion daily and replace any equipment as required.

Thank you for your patience and support.



We will keep all affected parties informed as the scheme progresses.

If you have any concerns please contact Liaison@kierwsp.co.uk