

Working on behalf of:



## NAZEING NEW ROAD ESSENTIAL BRIDGE MAINTENANCE WORKS



As part of the essential maintenance works on the network critical Nazeing New Road (B194) Bridge, we have now successfully completed the refurbishment of the 100 year old structural steelwork with the application of a new protective paint system. This will extend the life of the bridge for many years to come.

The next phase of the works is to replace the existing bridge bearings, on which the deck is supported. These are not working and in poor condition, and the proposed works will involve the lifting of the bridge deck (known as jacking) off the bridge abutment to facilitate removal of the existing bearings and replacement with new ones.

In order for the bearing replacement works to be carried out, we first need to install temporary works to enable the jacking to take place and then to provide temporary support to the bridge during the installation phase of the works. These temporary works will involve the construction of large concrete pads under the bridge, and this will require an off peak ( daytime only 9.30 – 4.00pm ) lane closure under two way traffic lights for four days. This is planned for the **10<sup>th</sup> December to the 13<sup>th</sup> December. This restriction has been planned to minimise the impact of the lane closure but also** to allow us to locate a concrete pump on the bridge deck to cast the pads.

Once the pads are complete, further full bridge closures will be required to carry out the safe jacking of the bridge deck. These works are programmed to start on the 16<sup>th</sup> January 2020 for the trial lift and again on the 22<sup>nd</sup> January for the actual lift. These closures are planned **to take place at night ( 8pm – 6am )** to minimise disruption and the usual diversions will be in place.

For the safe undertaking and operation of these bearing replacement works, with the bridge deck supported on temporary supports, it is critical to reduce the weight of traffic on the bridge, for the duration of the bearing replacement works. There will have to be a lane closure in place with 24/7 two way traffic lights during this period, which are programmed to start from the 22<sup>nd</sup> January 2020 until early April. This is unfortunately unavoidable.

During the closures and lane closures **pedestrian access will be maintained at all times** with marshals in place to guide pedestrians through the site safely where required

### What are we doing?

**The vital work on this key bridge is designed to lengthen its design life by many decades with a period to 1<sup>st</sup> maintenance of 15 years.**

The works include;

- Construction of temporary works to facilitate the main works – this will include construction of concrete support pads in the tow path,
- erection of temporary steel frames from which to jack the bridge,
- the lifting (jacking) of the existing deck structure,
- demolition of the existing bearing plinths,
- removal of existing bridge bearings,
- construction of new bearing plinths,
- complete construction of Bridge end walls,
- Installation of new bearings,
- The lowering of the bridge deck onto the new bearings,
- resurfacing of the footway
- Installation of new bridge deck expansion joints

and other maintenance works related to the scheme.

## How will this affect you?

During the final programme of traffic management, there will be two way traffic lights and occasional night only closures. Nazeing New Road will be occasionally diverted at night, which may impact your journey time. We will advise you in advance of closures using road signage.

## Remaining dates of programmed traffic management

BRG Number	Project Name	Location	Extent of Works	Traffic Management Type	Nature of Works	Working Times	Start Date	End Date
BRG160006	New Nazeing Road	New Nazeing Road	B194 (STATION ROAD/NEW NAZEING ROAD)	Two way Lights	Placing of Concrete	09:30 - 16:00hrs	10-Dec-19	13-Dec-19
BRG160006	New Nazeing Road	New Nazeing Road	B194 (STATION ROAD/NEW NAZEING ROAD)	Two way Lights	Delivery of Equipment	09:30 - 16:00hrs	6-Jan-20	21-Jan-20
BRG160006	New Nazeing Road	New Nazeing Road	B194 (STATION ROAD/NEW NAZEING ROAD)	Road Closure	Trial lift of bridge	20:00 – 06:00hrs	28-Jan-20	28-Jan-20
BRG160006	New Nazeing Road	New Nazeing Road	B194 (STATION ROAD/NEW NAZEING ROAD)	Road Closure	Jacking of bridge	20:00 – 06:00hrs	30-Jan-20	30-Jan-20
BRG160006	New Nazeing Road	New Nazeing Road	B194 (STATION ROAD/NEW NAZEING ROAD)	Two way Lights	TWD requirement	24hrs	30-Jan-20	10-Apr-20
BRG160006	New Nazeing Road	New Nazeing Road	B194 (Station Road/New Nazeing Road), Broxbourne	Road Closure	De-jacking bridge	20:00 – 06:00hrs	11-Mar-20	11-Mar-20

## What are we asking you to do?

We appreciate your patience and will endeavour to keep any disruption to an absolute minimum and complete these works as quickly as possible.

The majority of the works we are carrying out will be underneath the bridge, and so **we appreciate the frustration of the public sometimes not seeing any works carried out whilst road works are in place – but this is for the safety of both you the travelling public and us as the workforce – it is unavoidable.**

We apologise for any inconvenience that this may cause and appreciate your co-operation whilst these works are in progress.

## Additional Information

These works are weather dependent and from time to time unforeseen circumstances arise, any changes to the proposed start date, duration or working hours will be notified on the information boards located either side of the bridge. This information will also be made available on our website [www.herfordshire.gov.uk/roadworks](http://www.herfordshire.gov.uk/roadworks) which can be accessed by scanning the QR code on this letter.

Neither Hertfordshire County Council, nor their contractors will approach you offering to carry out works to your property. Any cold calling of this nature by people claiming to represent Hertfordshire should be viewed with suspicion and be reported to us.

Questions or concerns regarding these specific works can be answered by email: [CSCHighways@herfordshire.gov.uk](mailto:CSCHighways@herfordshire.gov.uk) or telephone 0300 123 4047.

**General road faults like potholes or faulty streetlights can be reported at [www.herfordshire.gov.uk/highwayfaults](http://www.herfordshire.gov.uk/highwayfaults) or by calling 0300 123 4047.**



## Diversion Route

For diversion route plan please refer to [www.roadworks.org](http://www.roadworks.org)