



**HS2**

# **ECW2 Woore highway modification**

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# Early Civils Work 2 (ECW2) Overview

## Highways Improvement Works

- Improving construction traffic routes at 20 locations
- Yarnfield lane diversion across a new bridge over MP with slip roads
- Surveys, scheme design, consents and detailed design
- Completed by **December 2024** ahead of main works

## Route-wide Engineering Surveys

- Informing advanced and main civils scheme design
- Topo (LIDAR) GPR surveys, minor watercourse surveys, pre-demolition surveys
- Completed by **April 2022** to issue to Advances and main civil works.

## Route-wide Environmental Surveys

- Informing both advanced and main civils works scheme design.
- Ecological surveys, agricultural (soils) surveys, heritage surveys, hydrological (water) surveys, air quality monitoring.
- Completed by **March 2023**



# Surveys

The first surveys to be undertaken are GPR and topographical surveys at 21 highway improvement sites and 20 route wide areas

## Ground Penetrating Radar surveys:

- Started November 2021
- Completed June 2022

## Topographical surveys:

- Started November 2021
- Completed June 2022
- Further drone surveys in wooded areas



# Survey progress

- We will now look to complete further highway investigation such as bore holes and trial pits to better inform our design.
- We will complete these surveys between November 2022 – April 2023
- Mixture of closures and temporary traffic lights depending on location
- Mixture of day and night time working – depending on location
- We will update local communities at least 14 days before any work begins



Temporary lights



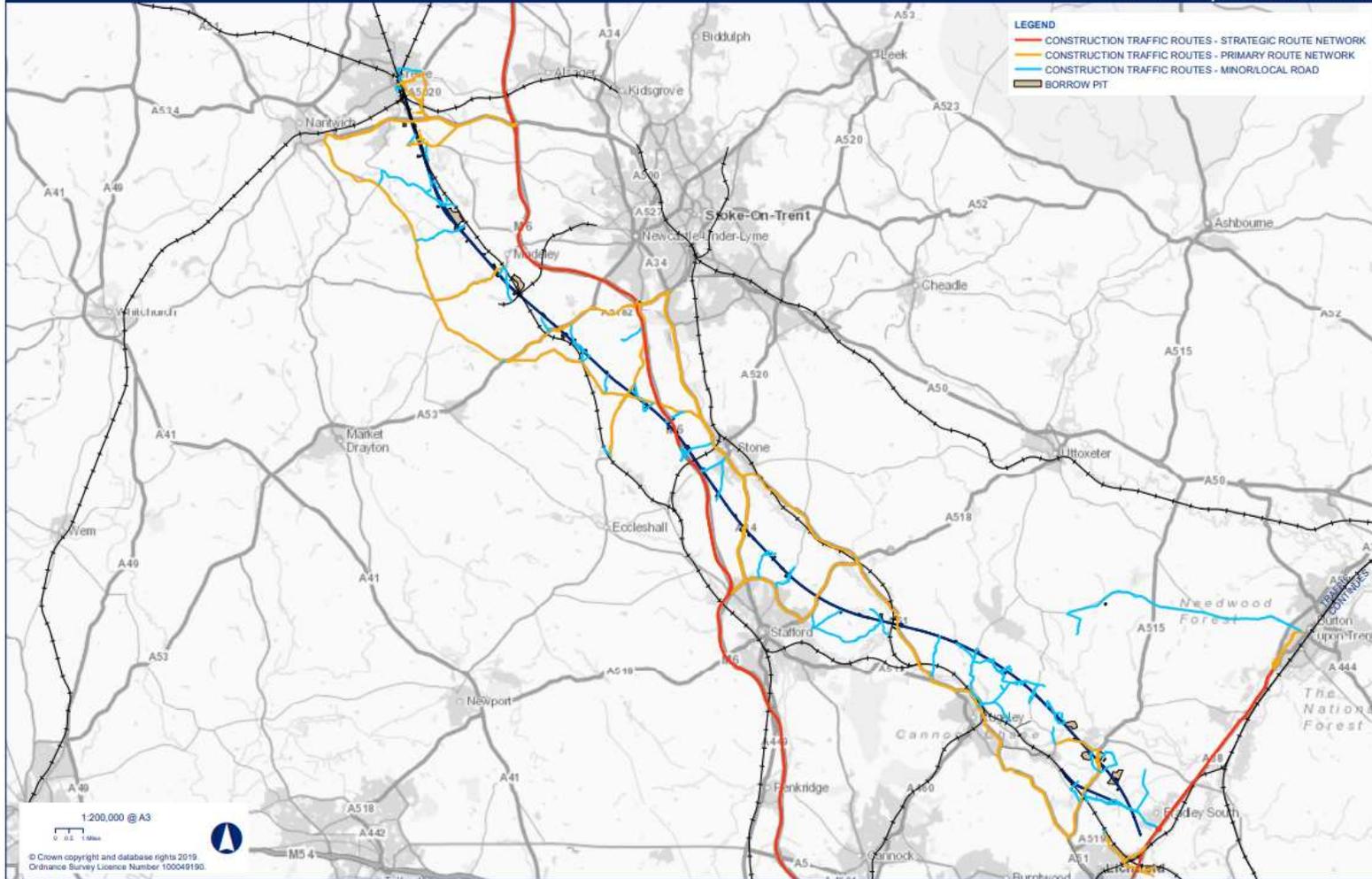
Road closure



# HS2 Phase 2A Construction Traffic Routes



The Proposed Scheme





## **Supplementary traffic calming and road safety measures**

All proposed additional measures will be delivered ahead of HS2 main construction work, subject to passing a Road Safety Audit and the necessary approvals from the local highways authority.

- 1 - A51 speed gateway upgrade
- 2 - Access only sign for Bearstone Road.
- 3 - Convex mirror for exit at Pipe Gate onto A51.
- 4 - Signage for HS2 HGV traffic to avoid slip road in Pipe Gate alongside A51.
- 5 - New uncontrolled pedestrian crossing at Pipe Gate.
- 6 - Access only sign for Gravenhunger Lane.
- 7 - Additional measures to enhance crossing on A525 near school bus drop off such as a potential new crossing or further signage.
- 8 - A525 speed gateway upgrade including features such as anti-skid red coloured surfaces, additional dragons teeth markings, speed limit roundels, no overtaking signs and speed limit signage.
- 9 - Access only sign for Gravenhunger Lane.
- 10 - Access only sign for Cherry Tree Lane.
- 11 - Access only sign for Candle Lane.



## Supplementary traffic calming and road safety measures

- 12 - A51 speed gateway upgrade including features such as anti-skid red coloured surfaces, additional dragons teeth markings, speed limit roundels, no overtaking signs and speed limit signage.
- 13 - Removal and cutting back of hedge at highway boundary (near Falcon Inn) to improve footway provision.
- 14 - Upgrade of existing uncontrolled crossing point to zebra and relocation away from modified junction.
- 15 - Upgrade to crossing outside school and enhancement of existing signage with school roundel markings and Crossing Patrol Officer (in agreement with council) during school drop off and pick up.
  
- 16 - Five Vehicle Activated Signs along A51 in Woore, with two of these being larger and showing more information.
- 17 - Anti-skid coloured surfacing and "Slow" text road marking on the A51 southbound approach to the A51/A525 junction





# Future impact

Some of our work will need to be completed using temporary traffic lights and/or full closures of the A51/A525.

- Rat running
- Busy network
- Delays to travelling public



# Contact

You can contact the HS2 Helpdesk 24/7 by:

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**My pronouns are: He/Him**

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