

Scheme construction

Since starting our work in May 2022, we have:

- reconstructed 8,600 metres of new road
- removed 30,000 cubic metres of concrete, which is the same as 15 Olympic swimming pools
- installed 10,000 metres of new drainage
- laid 72,000 tonnes of new asphalt
- installed 6,000 metres of new safety barriers



Traffic management (stage 3)

We'll soon have completed our road reconstruction work on the northbound carriageway.

We will then work on the southbound carriageway.

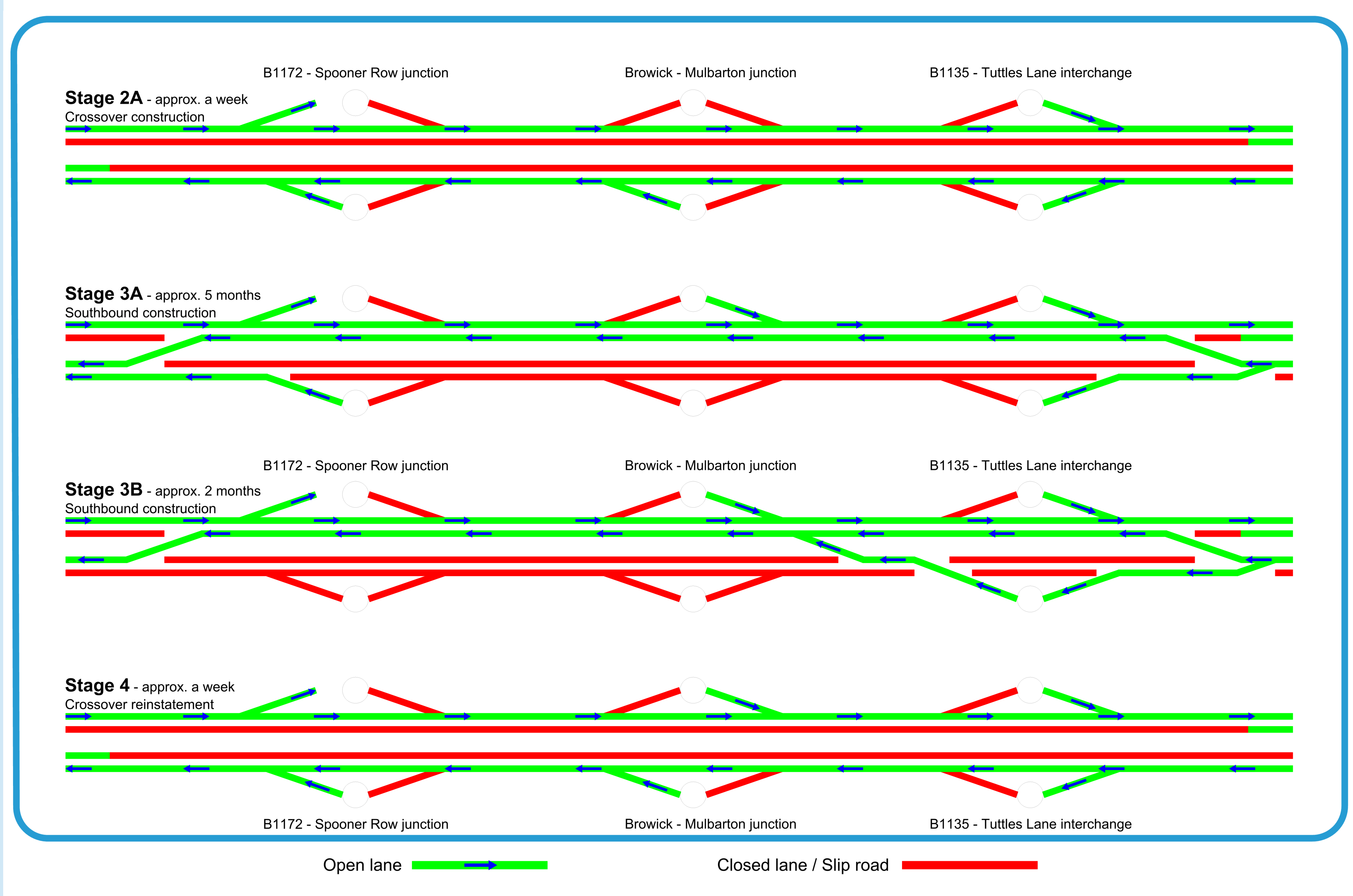
To do this, our contraflow roadworks will switch onto the northbound carriageway, where there will be a lane for traffic going in each direction.

We plan this to happen in mid-December 2022.

We'll need to close the slip roads for safety.

There will be clearly-signed diversion routes, including a route for long-distance traffic (to ease local congestion).

Stages overview



Environment – Carbon savings

We care about reducing carbon

- Our temporary speed cameras are powered by renewable energy
- 60,000 m³ of concrete is being removed from the existing road, which is being recycled into the new road surface

This will save 971 tonnes of CO₂ emissions, which is equivalent to how much carbon 6,961 new trees could absorb in 10 years

- Instead of diesel, we use vegetable oil to run our on-site generators

This has saved 180 tonnes of CO₂ emissions so far this year, equivalent to 101 flights between London and Sydney

- We've developed a way of warming up the asphalt during the manufacturing process which reduces carbon emissions by up to 15%
- We are exploring innovative ways of creating renewable energy, such as kinetic floor tiles in the site compound that generate electricity when they're walked on