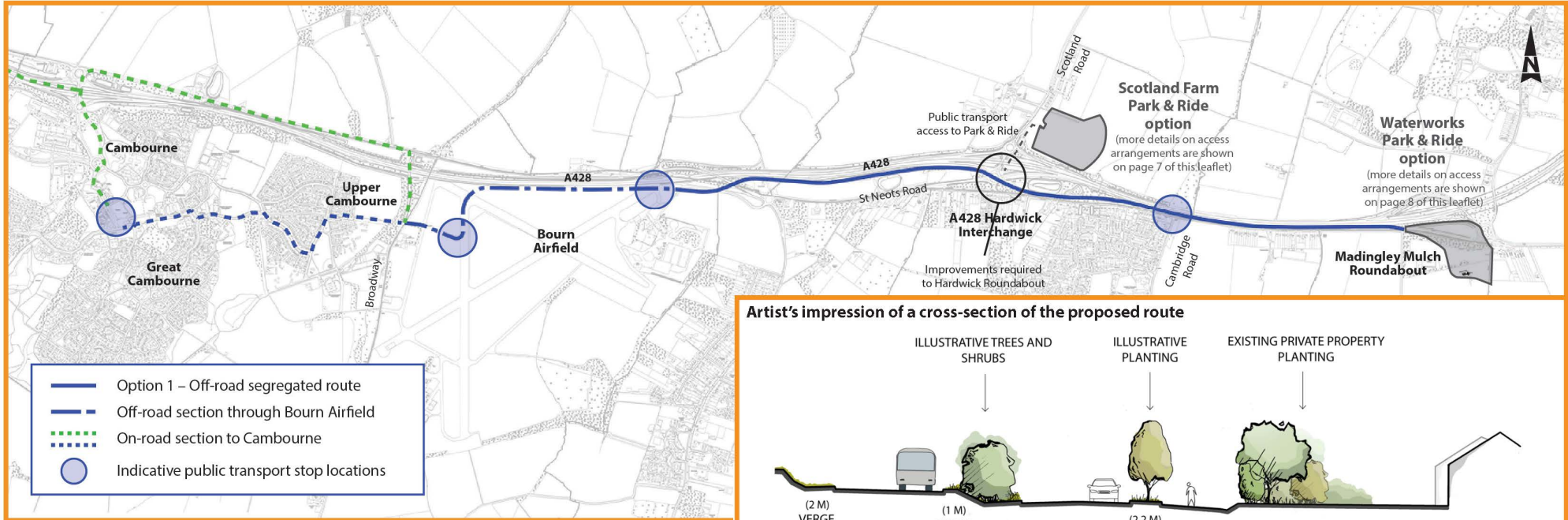


Option 1 – Off-road segregated route

A new public transport route adjacent to the A428 and St Neots Road. The route would be entirely off-road with minimal interaction with general traffic, except at junctions.



Current journey time from Cambourne to Cambridge: 55 – 63 minutes
(Citi 4 scheduled inbound journey times from Cambourne – Drummer St)

Estimated future journey time from Cambourne to Cambridge city centre Drummer St: 32 – 39 minutes*

Journey reliability: This option is likely to offer the highest level of public transport reliability, as public transport vehicles would travel on new, segregated road space – bypassing congestion and any other disruption on the main road – avoiding delays to public transport services. This option is likely to be most compliant with the emerging CAM proposals.

Estimated cost: £43m (Phase 2 costs only, excludes land and risk costs)

There is likely to be some negative impact on the landscape, and this option would involve the greatest loss of vegetation, although existing planting would be retained as far as possible. New planting alongside the carriageway would be included where space allows.

There may be a small increase in noise due to the increase in public transport vehicles, but this option would take public transport vehicles further away from existing houses than Options 2 and 3, and the operation of quieter and greener electric vehicles is proposed.

There is potentially an improvement in air quality if more people use public transport rather than private cars. More information on possible air-quality impacts will be developed as more detailed traffic modelling is completed.

There would be improvements to cycling and walking facilities alongside the link.

The majority of construction would be off-road. There would be some minor disruption at junctions and side roads.

***Journey times are based on a congestion-free route. A 3-minute stop is assumed for Waterworks P&R and a 5-minute stop is assumed for Scotland Farm. Phase 1 section journey time assumed as 8 minutes. Existing bus journey times used between Grange Rd and city centre.**