

Why an improvement to the junctions is required

The need for a scheme

In the coming years the Bean and Ebbsfleet junctions will serve developments such as the Ebbsfleet Garden City development.

This development will create 15,000 new homes and more than 30,000 jobs could be created. (Source: Ebbsfleet Development Corporation).

Traffic modelling has indicated that without improvements to both junctions, the road network will become highly congested resulting in considerable delays and associated environmental issues.

- **The Bean junction** proposed development will result in traffic using the A2 Bean junction (including the A296) increasing by 50-60% during weekday and weekend peak periods by 2037 compared to 2014 traffic levels.

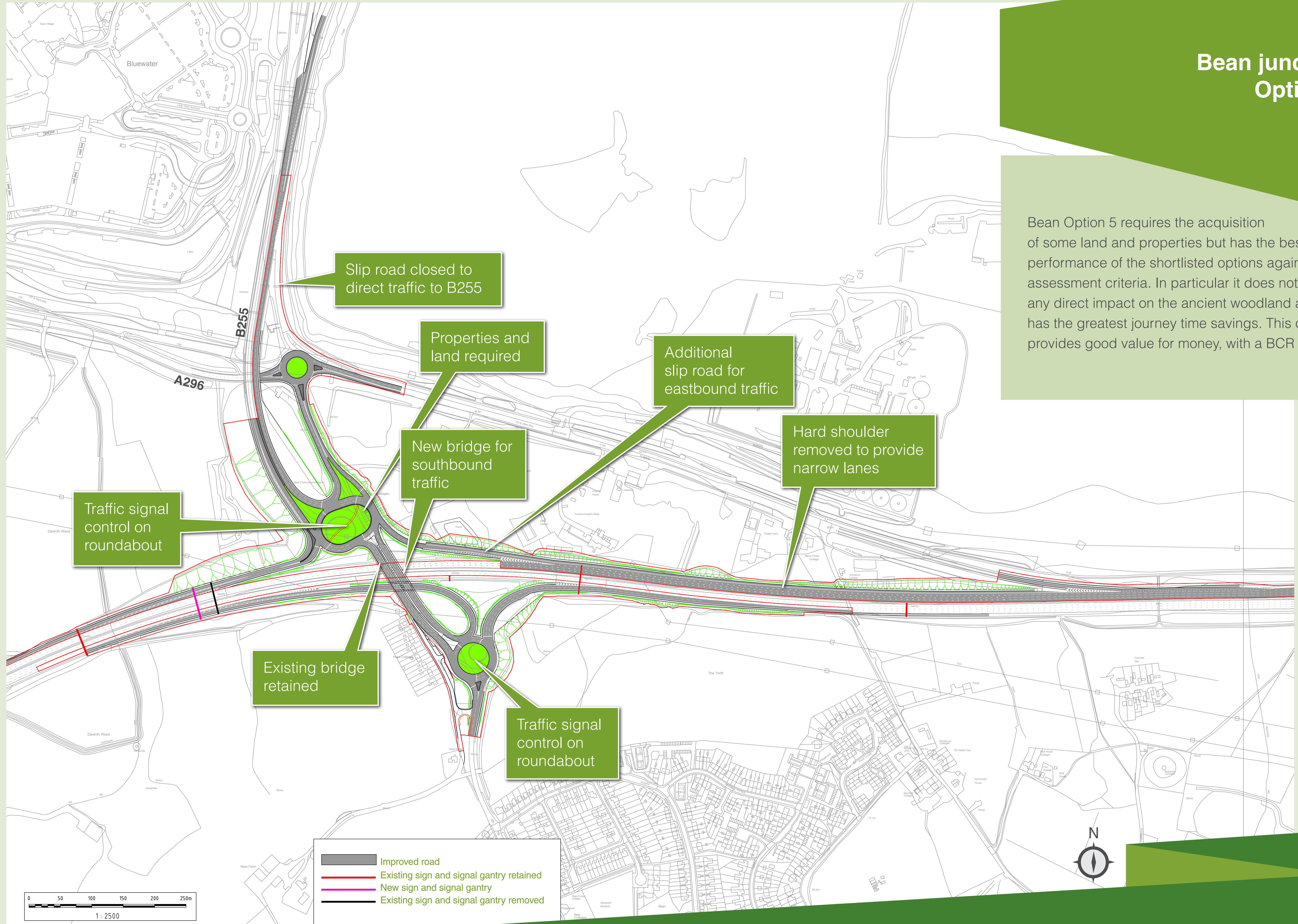
- **The Ebbsfleet junction** proposed development will result in traffic using the A2 Ebbsfleet junction increasing between 170 – 200% during weekday peak periods by 2037 compared to 2014 traffic levels.



Our proposal for improving Bean junction which we want your views on

Bean junction Option 5

Bean Option 5 requires the acquisition of some land and properties but has the best overall performance of the shortlisted options against the assessment criteria. In particular it does not have any direct impact on the ancient woodland and has the greatest journey time savings. This option provides good value for money, with a BCR of 2.1:1.

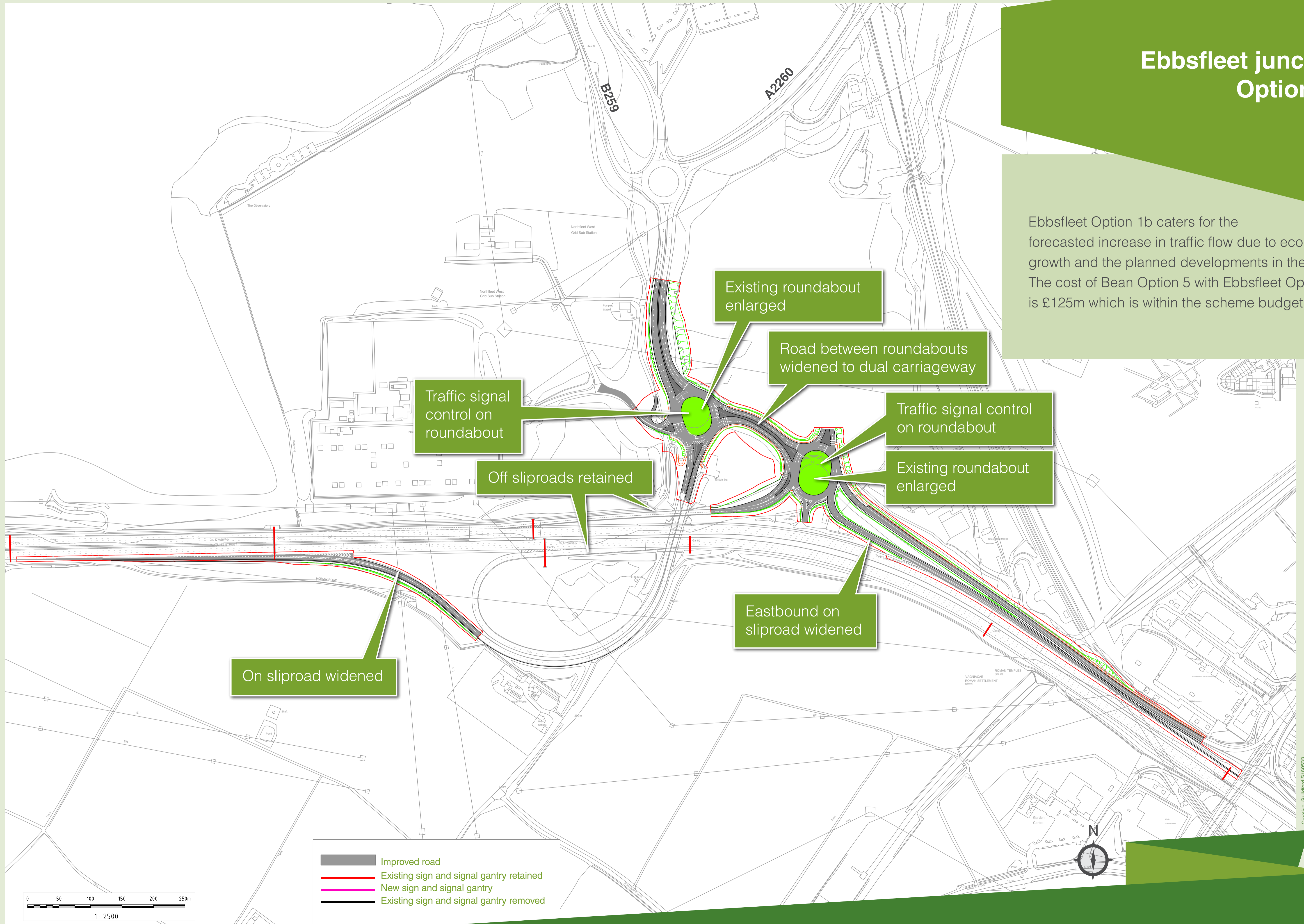


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Our proposal for improving Ebbsfleet junction which we want your views on

Ebbsfleet junction Option 1b

Ebbsfleet Option 1b caters for the forecasted increase in traffic flow due to economic growth and the planned developments in the area. The cost of Bean Option 5 with Ebbsfleet Option 1b is £125m which is within the scheme budget.



Environmental designations

