

Eclipse Bus Rapid Transit scheme – a new busway for South Hampshire.

- routeONE Award for Operator Excellence 2014 (Environment) (with First Hampshire & Dorset).
- National Transport Awards Transport Team Partnership of the Year 2013 (with First Hampshire & Dorset).
- Gosport Access and Disability Forum Excellent Access Award 2013.
- Institution of Civil Engineers South East England Engineering Excellence Sustainability Award 2012.
- MJ (Municipal Journal) Best Legal Team Award 2012.
- Chartered Institute of Logistics and Transport Excellence Award 2012.


Location:

Gosport./ Fareham

Client:

Transport for South Hampshire.

Value:

£20m scheme.

Completed:

March 2012.

Specialist teams:

- Hampshire Services (strategic transport, engineering design and project management, research and legal services)
- BAM Nuttall (construction)
- Mott Gifford (business case, environmental assessment)
- First Hampshire & Dorset (service operator).

The Gosport peninsula is one of South Hampshire's most congested areas, served for many years by one A road. The task was to deliver a viable public transport link between Gosport and Fareham that would boost the economic competitiveness of the area.

Hampshire Services' transport team bid for and won £20m funding from the Homes and Communities Agency to construct a new bus-only route comprising 3.4km of dedicated busway, running along a disused public railway line from Gosport to Fareham, plus additional on-street bus lanes.

Hampshire Services' engineering consultancy worked closely with other specialist teams to deliver the scheme, providing design, project management, contract preparation and construction supervision services. This included using our structural engineering expertise to remove two bridges and build a new one, and extensive wildlife mitigation measures, including the construction of three artificial setts for badgers.

The project included the provision of traffic signals, CCTV, lighting, rising barriers and anti-ram bollards, as well as planting and acoustic fencing. Major diversions and protection works were needed for gas and water mains. 14 high quality bus stops were built with real-time travel information screens, walking and cycling maps, cycle parking and tactile signs to help visually impaired people.

Hampshire Services' legal team provided comprehensive advice, including interpretation of the European Council directive that protects wildlife habitat; a complex issue that was ultimately resolved by a successful appeal to the Supreme Court.

Key benefits:

- 1.3m passenger journeys were made in the first year (64 per cent more than on the replaced services), increasing to over 5.5m journeys in three years
- Customer research showed users found the service more frequent, quicker, and more reliable than previously, and that 14% of users had shifted from car to bus
- Traffic surveys showed a 4% drop in car use on the A32

“ **The Eclipse has been one of the great public transport success stories of Hampshire.** ”

Marc Reddy, Managing Director,
 First Hampshire, Dorset and Berkshire



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Frequency has increased to 17 high specification buses running along the route, up to every six minutes during peak times.



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Brewers Lane before and after.

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Temporary embankment at Newgate Lane.



Completed bridge at Newgate Lane.