



GREATER
CAMBRIDGE
CITY DEAL

Greater Cambridge City Deal

A1307, Three Campuses to Cambridge

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15th June 2016

Purpose of briefing

- Background to study
- Work to date
- Public consultation



Background

- City Deal Tranche 1 prioritised programme
- Cambridgeshire's transport policy and strategy framework
- Housing and employment growth

Project objectives

- Improve reliability, safety and speed of movement along corridor
- Reduce levels of traffic into Cambridge.
- Investigate:
 - Rail
 - Segregated Bus Rapid Transit
 - Bus priority
 - Road capacity / performance improvement
 - Additional Park and Ride / interchange capacity



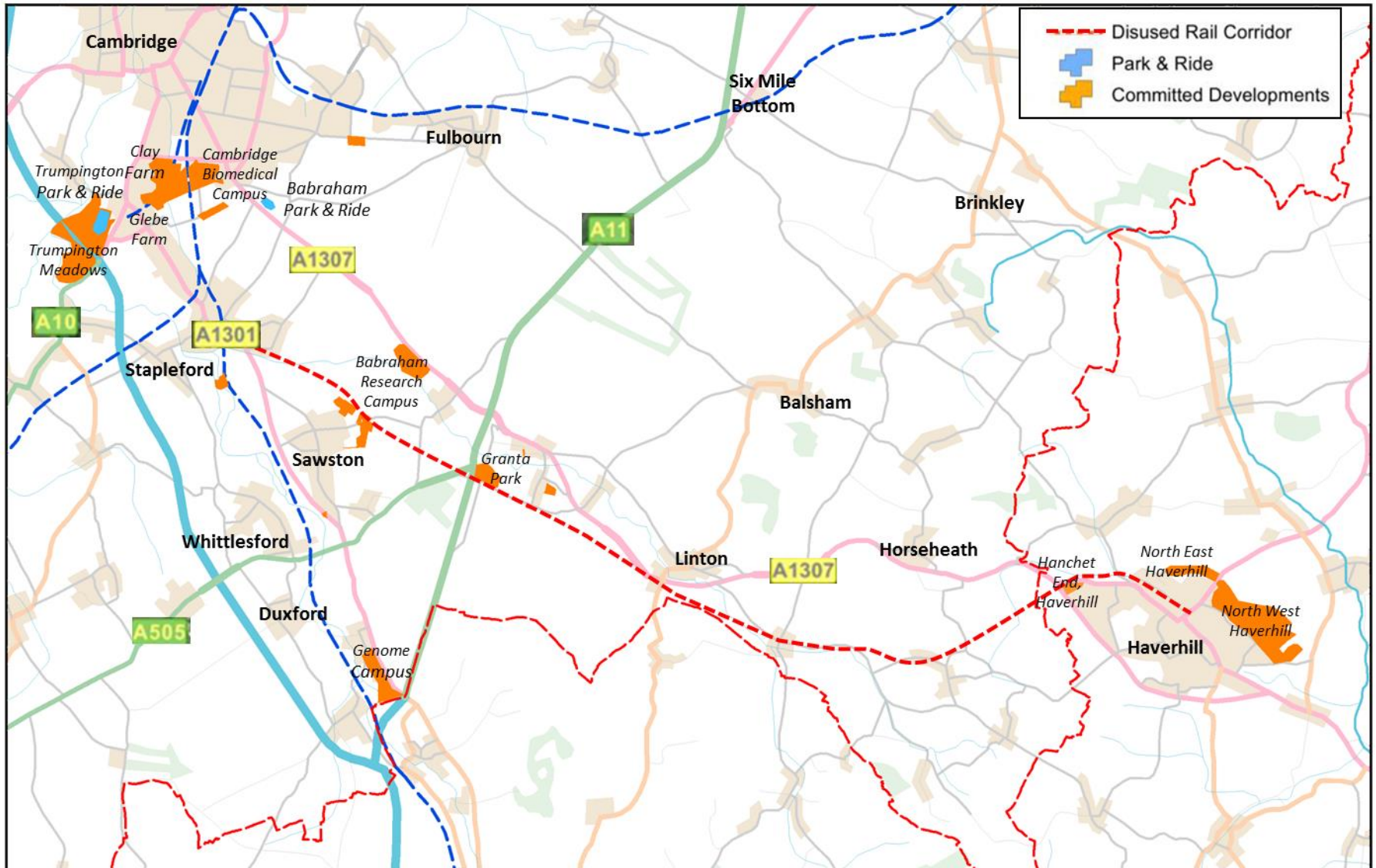
Project objectives (cont.)

- Combinations of schemes to provide greatest benefit
- Provision for cyclists and pedestrians in all proposals
- Consider environment, streetscape and air quality
- Impacts on existing residents and highway capacity
- Identify areas where safety can be improved
- Improve connectivity between villages and places of employment

Committed and future growth

- Haverhill – up to 4,260 homes (2009-2031).
- Granta Park – up to 3,200 new jobs.
- Babraham Research Campus – up to 1,000 new jobs.
- Cambridge Biomedical Campus – around 6,000 new jobs in the next 3-5 years, with further growth to follow.





High level assessment of strategic options

Reopening the railway line between Haverhill and Cambridge

- Capital cost £390-650M
- Benefit to cost ratio assessed as 0.59 – 0.99

Introducing a Bus Rapid Transit route between Haverhill and Cambridge

- Capital cost £150-200M
- Benefit to cost ratio assessed as 1.27

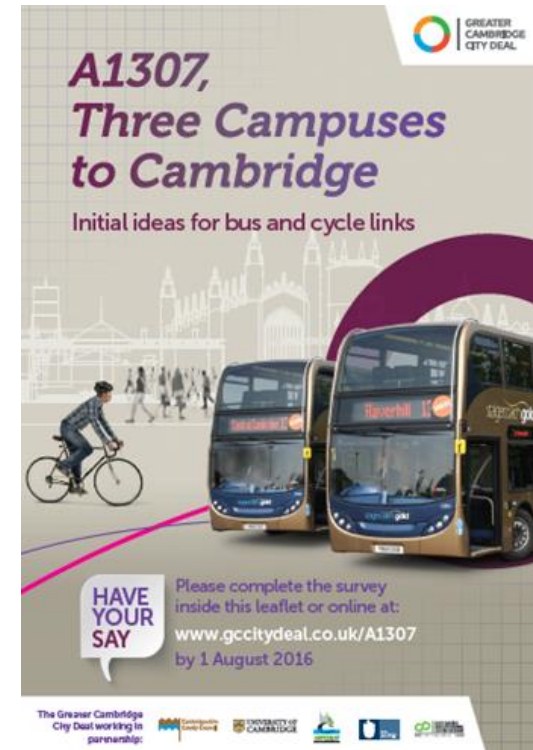
Several road options, including dualling and a Linton bypass

- Capital cost £15M - £100M
- Benefit to cost ratios assessed as 0.26 – 0.3



Assessment summary

- In a City Deal context, no viable business case for:
 - Rail re-opening
 - Busway to Haverhill
- Executive Board agreed to undertake more traffic surveys
- Development of short list/initial ideas:
 - Main focus on A11 to Cambridge
 - Park and Ride
 - Bus Rapid Transit/segregated bus routes
 - Cycling and Walking



‘Initial ideas’ for consultation

- In March, the GCCD Executive Board approved the ‘initial ideas’ for public and stakeholder consultation
- **These are ideas rather than firm proposals**
- Much more technical work will be needed to work up a preferred option(s)
- Public consultation to commence on Thursday, 16th June

'Initial ideas'

We welcome your views on these initial ideas to improve travel around the A1307. Currently, just ideas, no specific routes or locations have been identified. An indicative unscaled map is shown to help illustrate the concepts.

Key

- Babraham Park to Cambridge Biomedical Campus: On Highway
- Babraham Park to Cambridge Biomedical Campus: Off Highway
- Granta Park to Cambridge Biomedical Campus: On Highway
- Granta Park to Cambridge Biomedical Campus: Off Highway
- Three Campuses to Cambridge Cycling and Walking Link: On Highway
- Three Campuses to Cambridge Cycling and Walking Link: Off Highway
- Linton Bus Improvements
- Haverhill to Granta Park Cycling and Walking Link: On Highway
- Haverhill to Granta Park Cycling and Walking Link: Off Highway
- Babraham Road Park Expansion
- New A11 Park & Ride

Three Campuses to Cambridge Cycling and Walking Link: On Highway

A segregated on highway cycling and walking link joining up Granta Park, Babraham Research Campus and the Cambridge Biomedical Campus via any new A11 Park & Ride.

On Highway from Granta Park to Babraham Research Campus and on highway alongside the A1307 from the Campus to Addenbrooke's. The footbridge over the A11 would need to be upgraded.

Spurs could link to nearby villages including Great Shelford, Stapleford and Sawston. The indicative cost is approximately £6m.

Three Campuses to Cambridge Cycling and Walking Link: Off Highway

A segregated off highway cycling and walking link joining up Granta Park, Babraham Research Campus and the Addenbrooke's Biomedical Campus via any new A11 Park & Ride. The footbridge over the A11 would need to be upgraded.

Spurs could link to nearby villages including Great Shelford, Stapleford and Sawston. This would link up with National Cycle Route 11 north of Great Shelford. The indicative cost is approximately £10m excluding any land costs.

Granta Park to Cambridge Biomedical Campus: Off Highway

A segregated bus-only road or busway, off the existing highway, which would link Granta Park, Babraham Research Campus and Cambridge Biomedical Campus via a new A11 Park & Ride. This would require a bridge over the A11. There would be a dedicated cycling and walking provision alongside any bus link.

This bus link could join up with the Guided Busway at Addenbrooke's for quicker onward travel into the city. Potentially, a bus-only road or busway could be used by buses starting in Haverhill with additional A1307 bus prioritisation to further reduce journey times from Haverhill to Cambridge. The indicative cost is approximately £98m excluding any land costs.

Approx. 10 minutes
 High cost

Babraham Road Park & Ride Expansion

A larger Park & Ride site with more parking spaces and improved access. Potential for new facilities such as a business hub and Park & Cycle amenities.

Any Park & Ride improvements could connect to new on or off-highway bus links. The indicative cost is approximately £2.5m excluding any land costs.

Babraham Road Park & Ride to Cambridge Biomedical Campus: On Highway

A segregated bus link on the highway. Bus Improvements starting south of the Hinton Way/Babraham Road/ Cherry Hinton Road junction to the area around the Addenbrooke's Hospital. Possibly changing or enlarging the bus station at Addenbrooke's. Also cycling and walking provision, public realm and safety improvements to provide a better gateway to the city.

This new bus link could be combined with Babraham Road P&R expansion. The indicative cost is approximately £15m.

Approx. 20 minutes
 Highly variable peak times
 Medium cost

Babraham Road Park & Ride to Cambridge Biomedical Campus: Off Highway

A segregated bus-only road or busway, off the existing highway, to Addenbrooke's Hospital and the Biomedical Campus. There would be a dedicated cycling and walking provision alongside any bus link.

This new bus link could be combined with Babraham Road Park & Ride expansion. The indicative cost is approximately £30m excluding any land costs.

Approx. 4 minutes
 High cost

New A11 Park & Ride

A new additional Park & Ride at the Fourwentways junction. Potential for new facilities such as a business hub and other commercial opportunities e.g. a cafe. We would welcome your views on where a site could be located. Any new P&R could connect to new bus links. The indicative cost is approximately £12m excluding any land costs.

Granta Park to Cambridge Biomedical Campus: On Highway

A segregated bus link on the highway, which would link Granta Park, Babraham Research Campus and Cambridge Biomedical Campus via a new A11 Park & Ride. There would be a dedicated cycling and walking provision alongside any bus link.

Potentially, this bus-only road or busway could be used by buses starting in Haverhill with additional A1307 bus prioritisation to further reduce journey times from Haverhill to Cambridge. The indicative cost is approximately £25m.

Approx. 10 minutes
 High cost

Linton Bus Priority

Bus lanes, junction and signal changes through Linton aimed at reducing bus journey times. Public realm improvements to the High Street. Also pedestrian and cycling improvements. Currently, express buses take around 10 minutes to travel along the A1307 in and around Linton during peak times. The indicative cost is approximately £5m.

4 minutes
 A1307 travel through Linton
 Low cost

Haverhill to Granta Park Cycling and Walking Link: On Highway

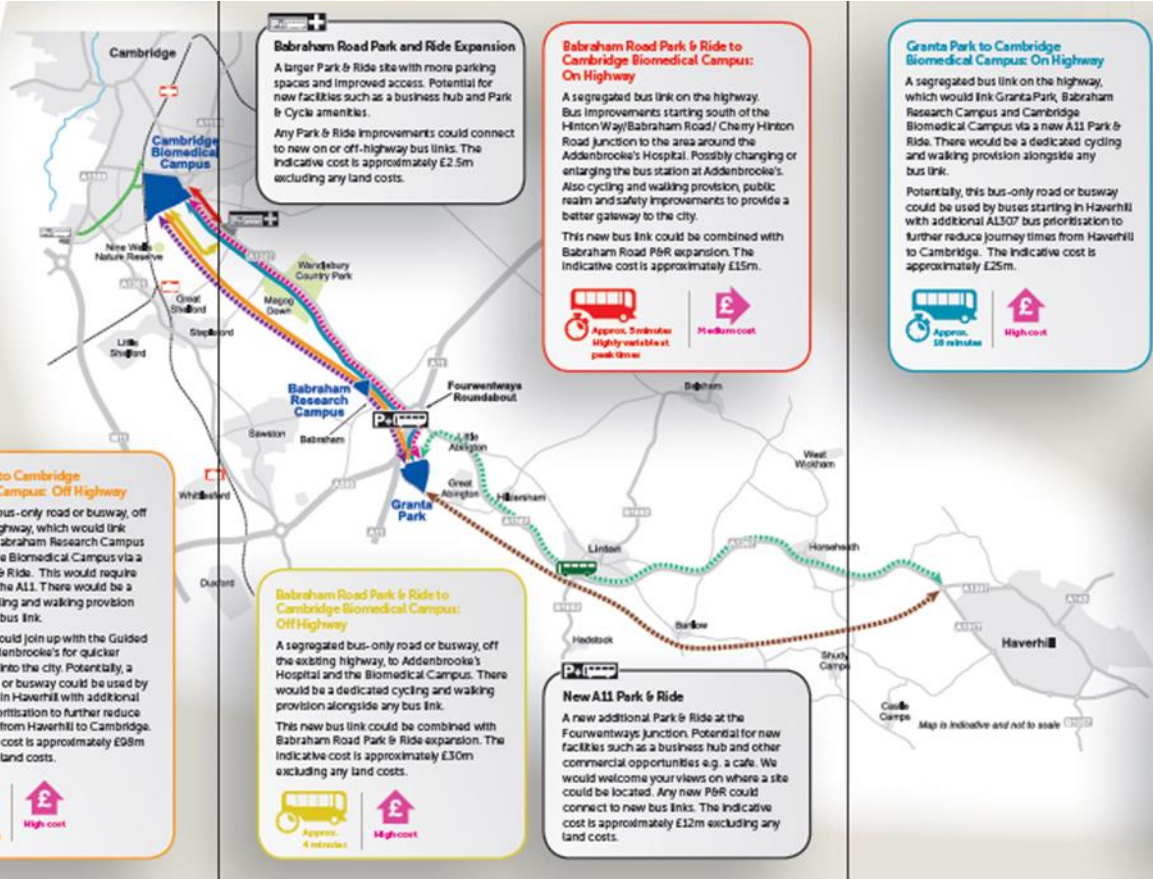
A dedicated cycling and walking link joining up Haverhill, Horseheath, Linton and the Abingtons along the A1307.

This provision for cycling and walking could extend to Cambridge via an on or off highway Three Campuses to Cambridge Cycling and Walking Link. The indicative cost is approximately £8m.

Haverhill to Granta Park Cycling and Walking Link: Off Highway

A dedicated cycling and walking link joining up Haverhill, Linton and the Abingtons away from the A1307 road.

This provision for cycling and walking could extend to Cambridge via an on or off highway Three Campuses to Cambridge Cycling and Walking Link. The indicative cost is approximately £13m excluding any land costs.



‘Initial ideas’

- **Park & Ride**
 - Babraham Road P&R expansion
 - New A11 P&R
- **Bus rapid transit**
 - Granta Park to Cambridge Biomedical Campus (off highway)
 - Granta Park to Cambridge Biomedical Campus (on highway)
 - Linton bus priority
 - Babraham Road P&R to Cambridge Biomedical Campus (off highway)
 - Babraham Road P&R to Cambridge Biomedical Campus (on highway)

‘Initial ideas’

- **Cycling and walking**
 - Three Campuses to Cambridge cycling & walking link (off highway)
 - Three Campuses to Cambridge cycling & walking link (on highway)
 - Haverhill to Granta Park cycling & walking link (off highway)
 - Haverhill to Granta Park cycling & walking link (on highway)

Consultation programme

- Leaflet distribution to c. 14,000 households
- Questionnaire in leaflet and online
- Website www.gccitydeal.co.uk/A1307
- Social media www.twitter.com/gccitydeal
www.facebook.com/gccitydeal
- Public exhibitions at 7 local venues



Consultation programme

Location	Date	Time	Address
Linton	Tuesday 5 July 2016	17.00 - 20.00	Linton Village College, Linton CB21 4JB
Haverhill	Thursday 7 July 2016	17.00 - 20.00	Haverhill Arts Centre, High Street, Haverhill CB9 8AR
Addenbrooke's	Tuesday 12 July 2016	11.00 - 14.00	The Concourse, Addenbrooke's Hospital, Hills Road, Cambridge CB2 0QQ
Babraham Park & Ride	Wednesday 13 July 2016	17.30 - 19.30	Park & Ride, Babraham Road CB22 3AB
Sawston	Thursday 14 July 2016	17.30 - 19.30	Spicer's Pavilion, Cambridge Rd, Sawston CB22 3DG
Cambridge	Wednesday 20 July 2016	17.30 - 20.00	St John the Evangelist, Hills Road, Cambridge CB2 8RN
Great Shelford	Thursday 21 July 2016	17.30 - 19.30	Memorial Hall, Woollards Lane Great Shelford CB22 5LZ

Next steps

- Analysis of stakeholder and public consultation in late summer 2016
- Assessment and appraisal of initial ideas in autumn/winter 2016
- Recommendation of preferred option(s) Spring 2017
- Consultation on preferred options early Summer 2017





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Thank you



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