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Cambridgeshire Guided Busway**

Cambridgeshire County Council



Cambridgeshire Guided Busway

- ◆ Background
- ◆ Guided Busways
- ◆ Cambridgeshire Guided Busway
- ◆ Construction



Cambridgeshire Guided Busway - Background

- ◆ Cambridge Transport Strategy
- ◆ Cambridge to Huntingdon Multi-Modal Study (CHUMMS)
- ◆ Cambridgeshire and Peterborough Structure Plan



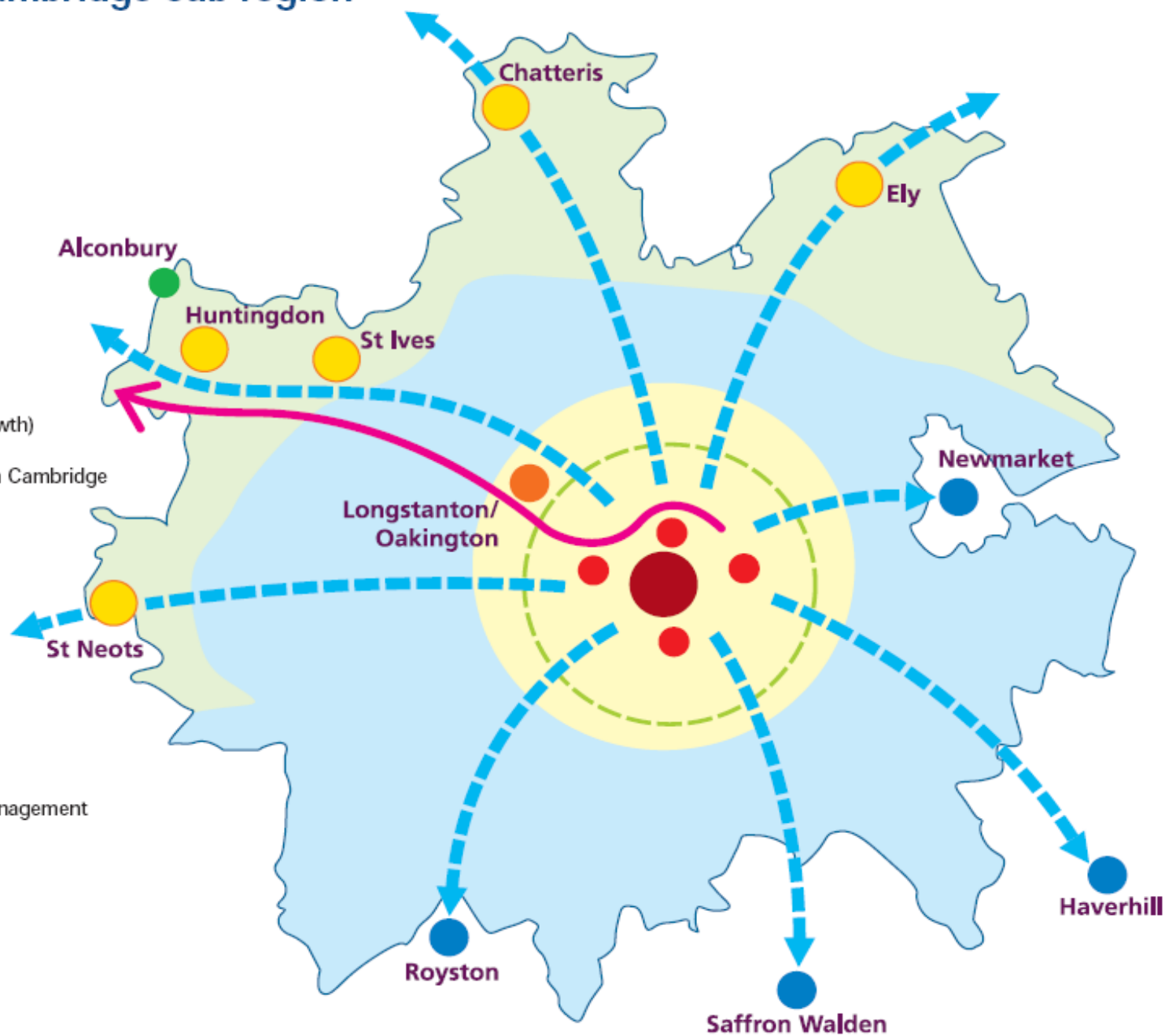
Cambridgeshire Structure Plan

- ◆ Government Designated Growth Area
- ◆ London-Stanstead Cambridge corridor
- ◆ Land use and Transport
- ◆ Infrastructure Deficit

Vision for the Cambridge Sub region

Key

- Cambridge
- Market Towns (urban growth)
- Expanded Communities in Cambridge
- New Town
- Green Belt
- A14 Improvements
- Corridor for high quality public transport
- All types of employment
- Selective Employment Management
- Housing priority

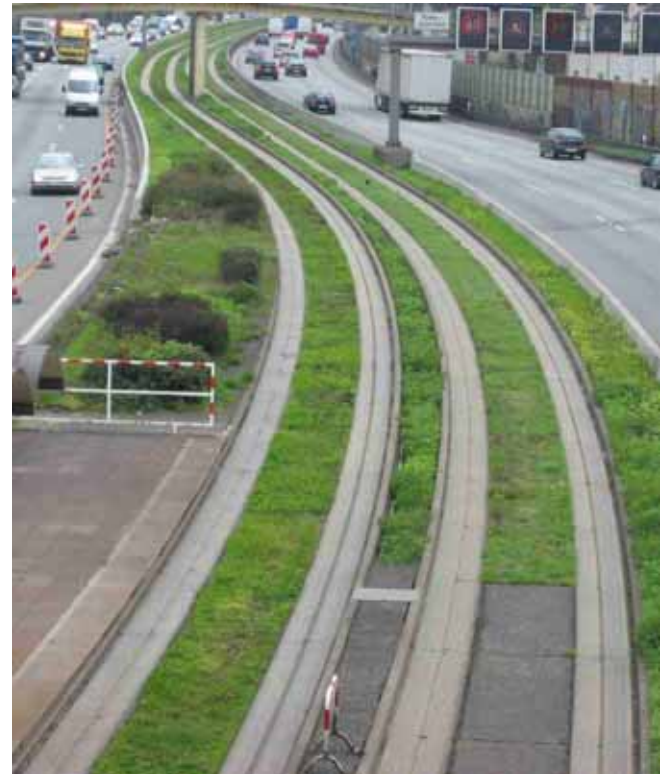


Guided Busways



Guided Busways - Benefits

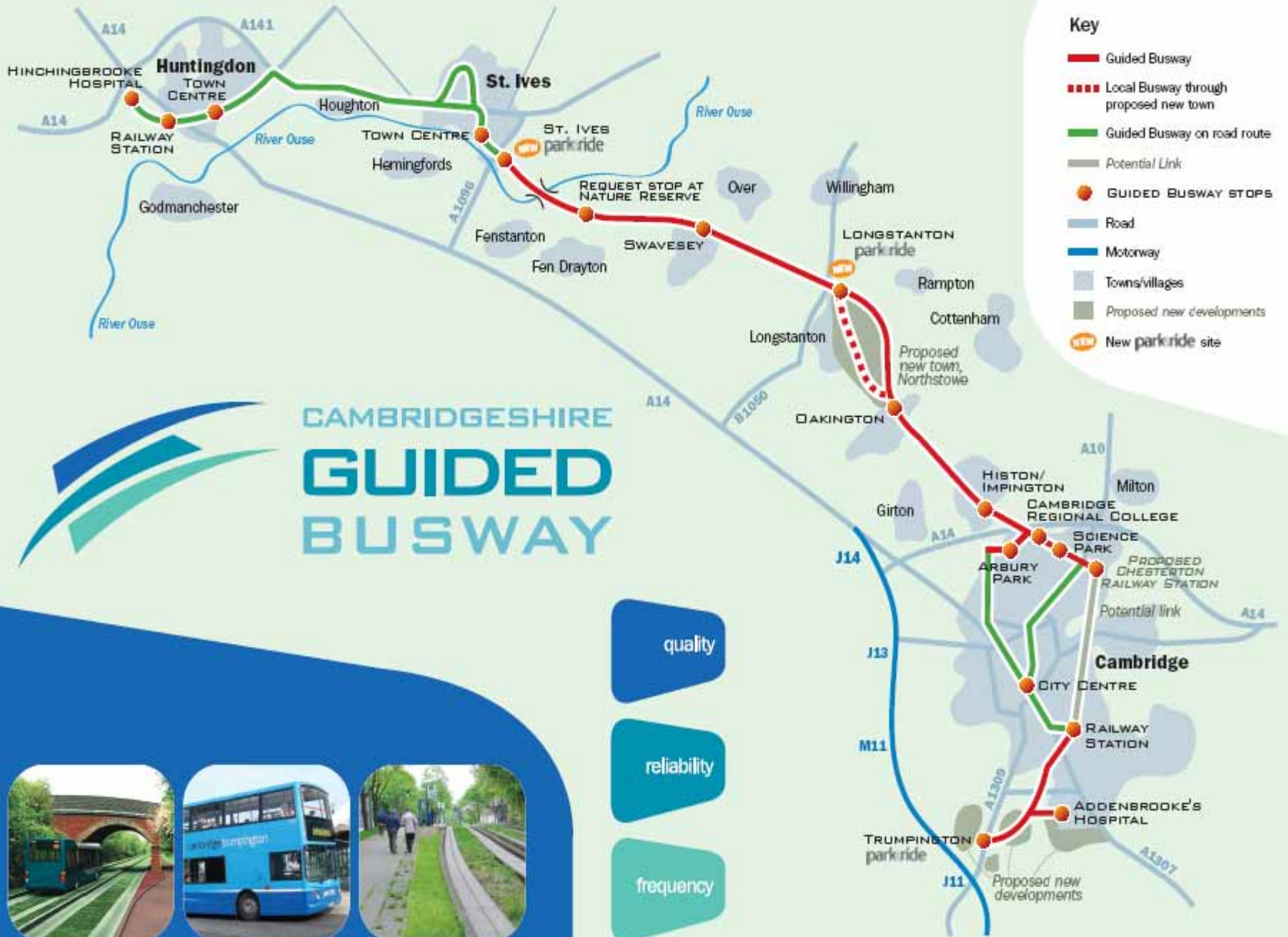
- ◆ Narrower right of way
- ◆ Ride Quality
- ◆ Segregation
- ◆ Drainage
- ◆ Ecology

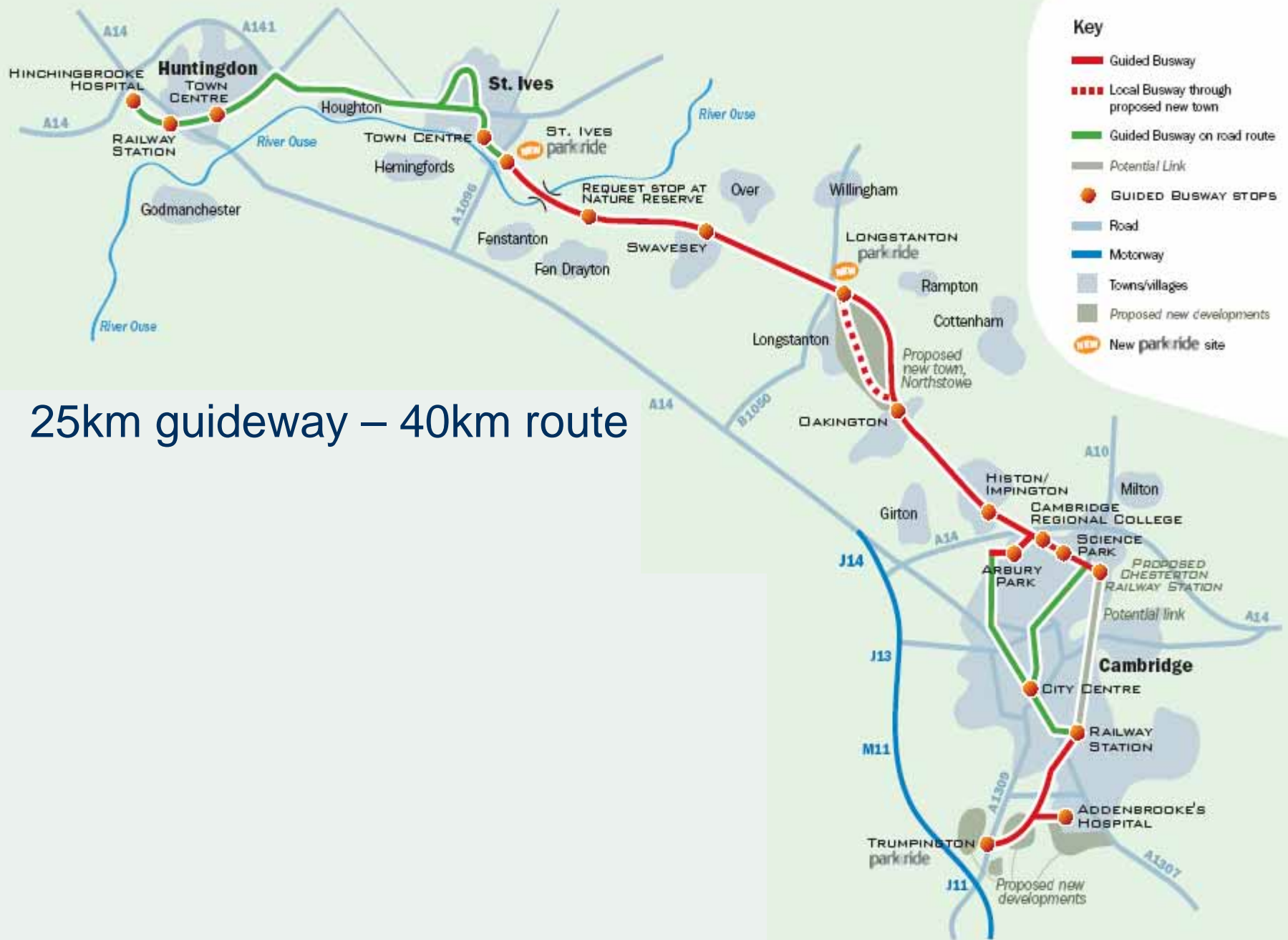


Guided Busways -

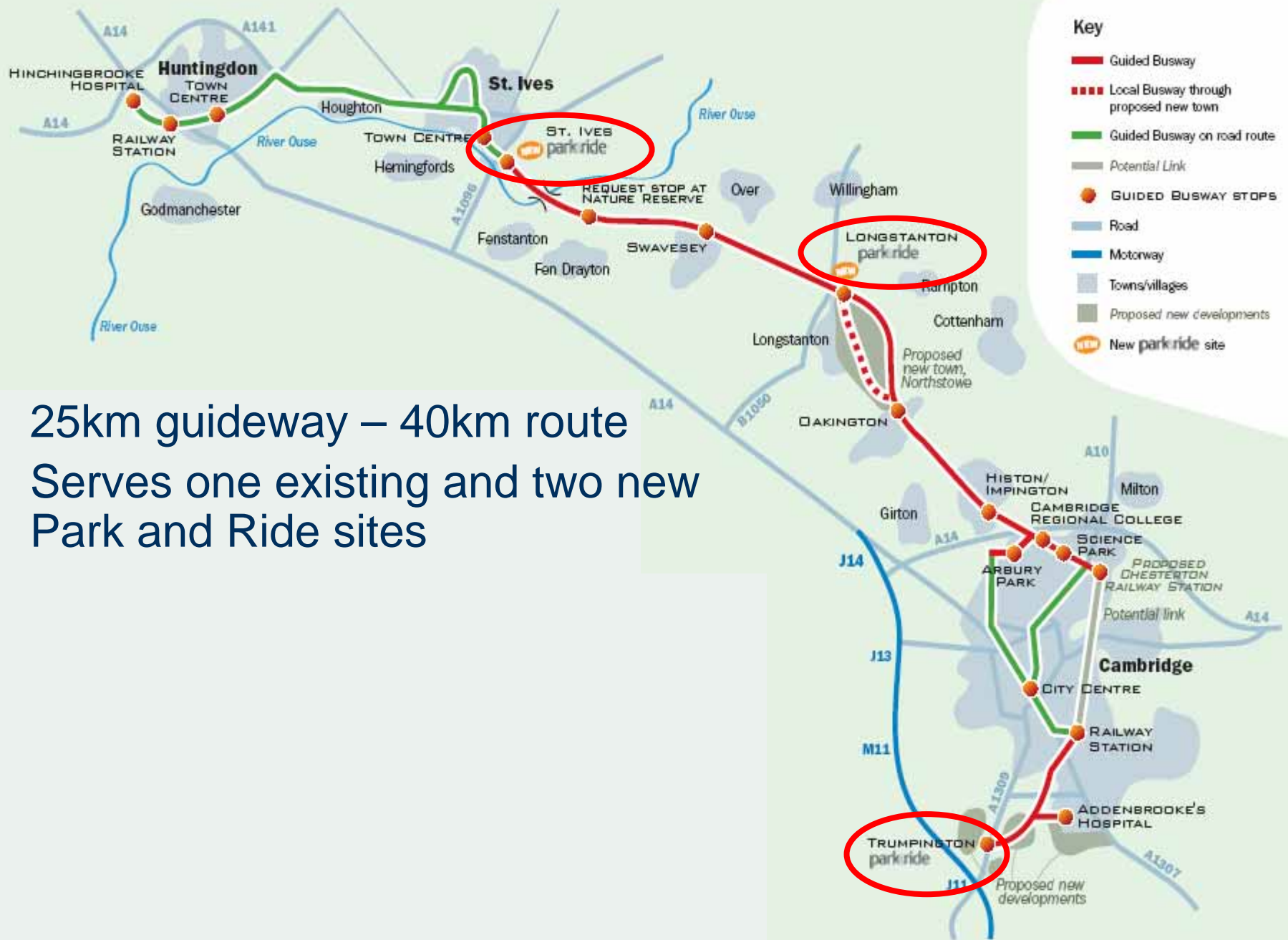
- ◆ Essen
- ◆ Adelaide
- ◆ Leeds
- ◆ Edinburgh
- ◆ Crawley



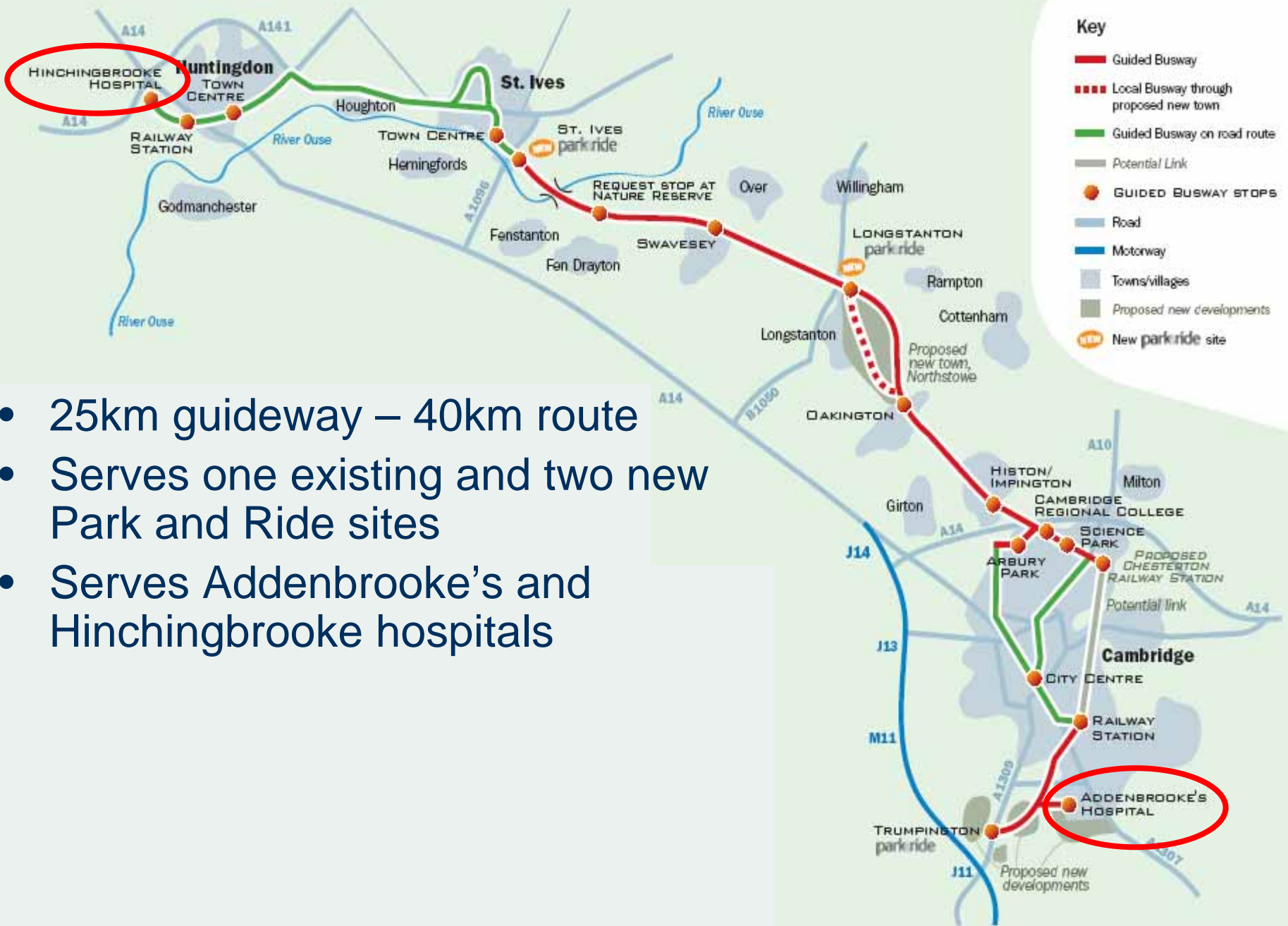




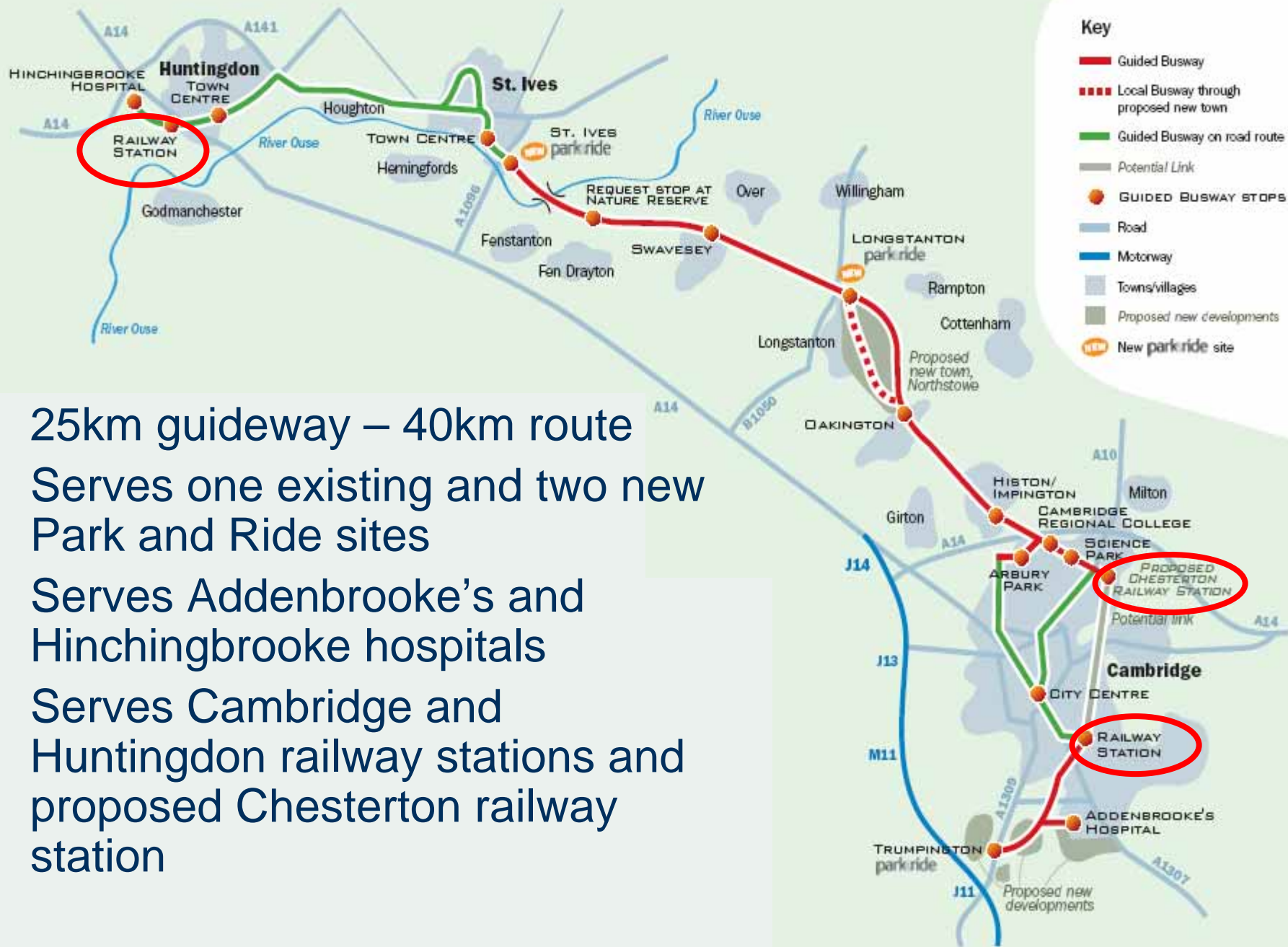
- 25km guideway – 40km route



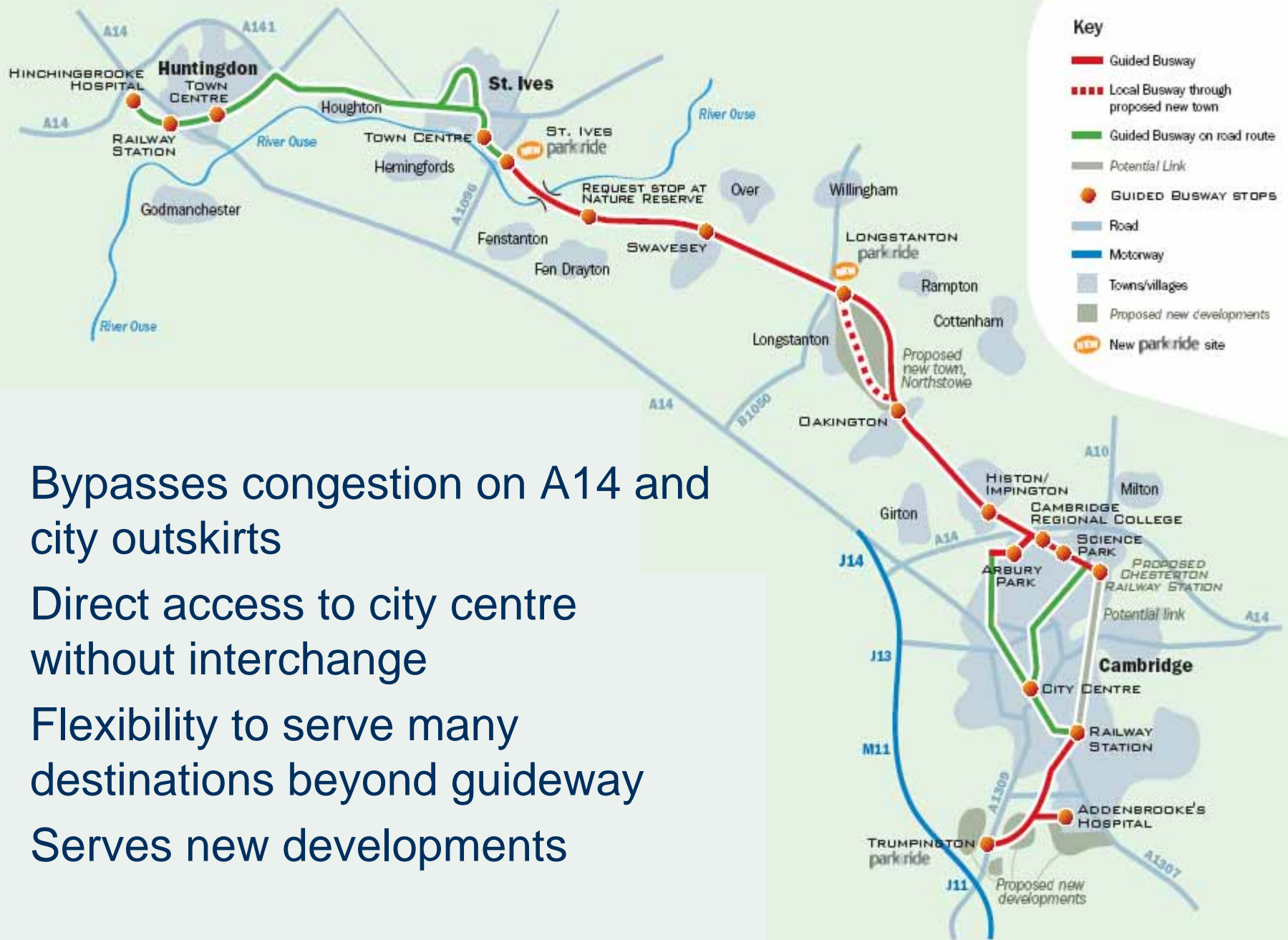
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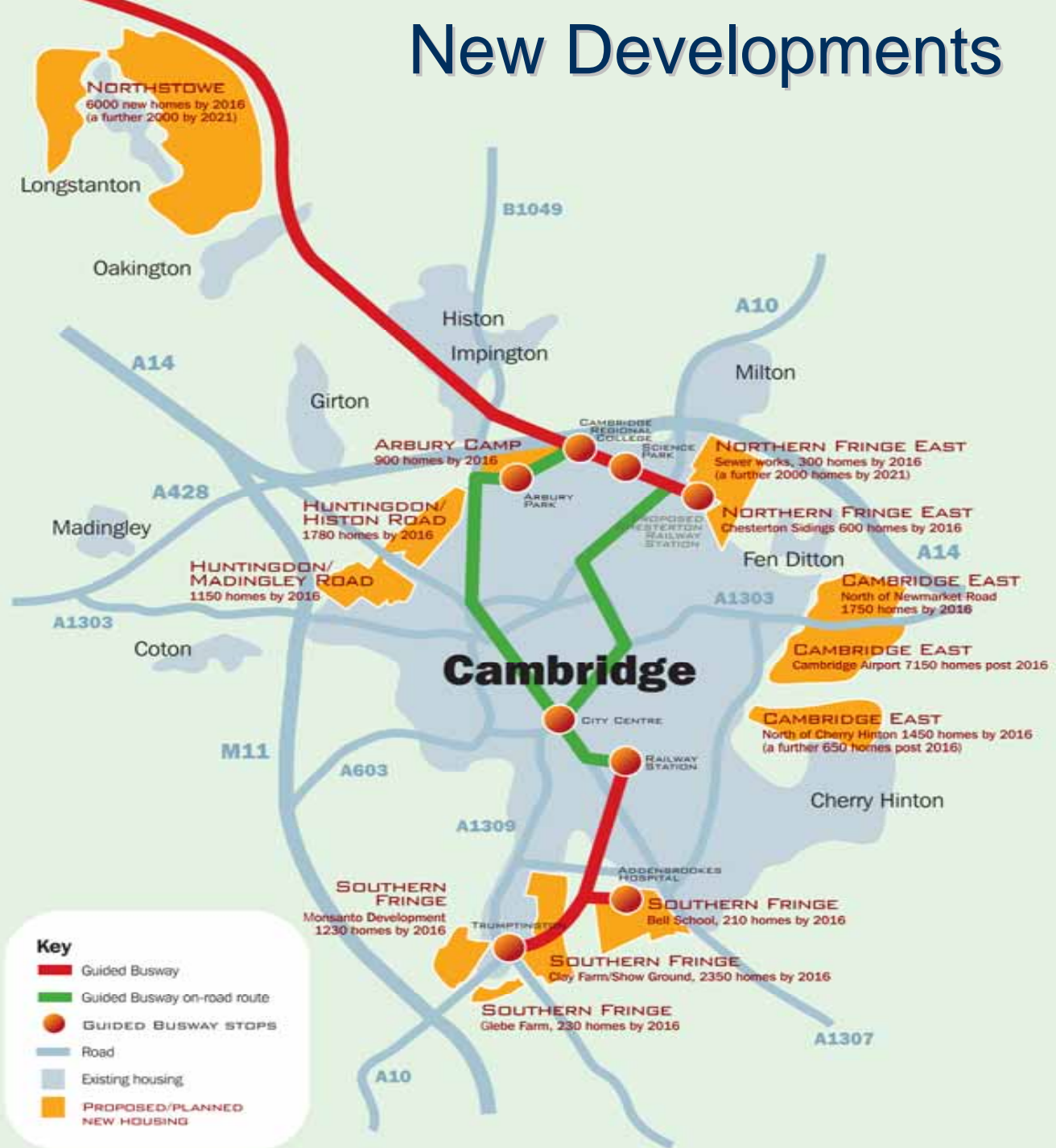


- 25km guideway – 40km route
- Serves one existing and two new Park and Ride sites
- Serves Addenbrooke's and Hinchingsbrooke hospitals
- Serves Cambridge and Huntingdon railway stations and proposed Chesterton railway station



- Bypasses congestion on A14 and city outskirts
- Direct access to city centre without interchange
- Flexibility to serve many destinations beyond guideway
- Serves new developments

New Developments



Speed and Reliability

- ◆ Segregated right of way
- ◆ St Ives—Cambridge Science Park
 - ◆ 20km in 18 minutes
- ◆ St Ives—City Centre
 - ◆ 30 minutes
- ◆ Current peak time journeys
 - ◆ 45 minutes to 1 hour



Implementation

- ◆ CHUMMS 2001
- ◆ Business Case - 2002
- ◆ Provisional funding approved - 2003
- ◆ Public Inquiry – Sept to Dec 2004
- ◆ Transport and Works Order - Dec 2005
- ◆ Funding approved - June 2006
- ◆ Construction - Winter 2006/7
- ◆ Opening – Spring 2009



Construction



Beam moulds







First Guideway Sept 2007



















Construction Update

- ◆ Major bridge work (Long Road, Addenbrooke's, Great Ouse)
- ◆ Landscape and Ecological Mitigation Areas
- ◆ Junctions (Oakington and Park Lane complete)
- ◆ 3km of Guideway laid
- ◆ 2500 beams cast (45%)



CAMBRIDGESHIRE
GUIDED
BUSWAY



quality ▶

reliability ▶

frequency ▶