# Oxford-Cambridge Expressway: Corridors, Routes, Houses and Freight...

Brill 24<sup>th</sup> June 2019, 7.30p.m. David Rogers & Olivia Field No Expressway Group Horton-cum-Studley david.rogers@zoo.ox.ac.uk

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Pub in the Park tickets on sale now. Click here »

B News 
Midlands News 
Jaguar Land Rover

#### Men drive into 3ft of icy water - after following SAT NAV

They had to flee car and stand on roof



The scene as the men awaited rescue.

#### Slavishly following a formula leads to disaster





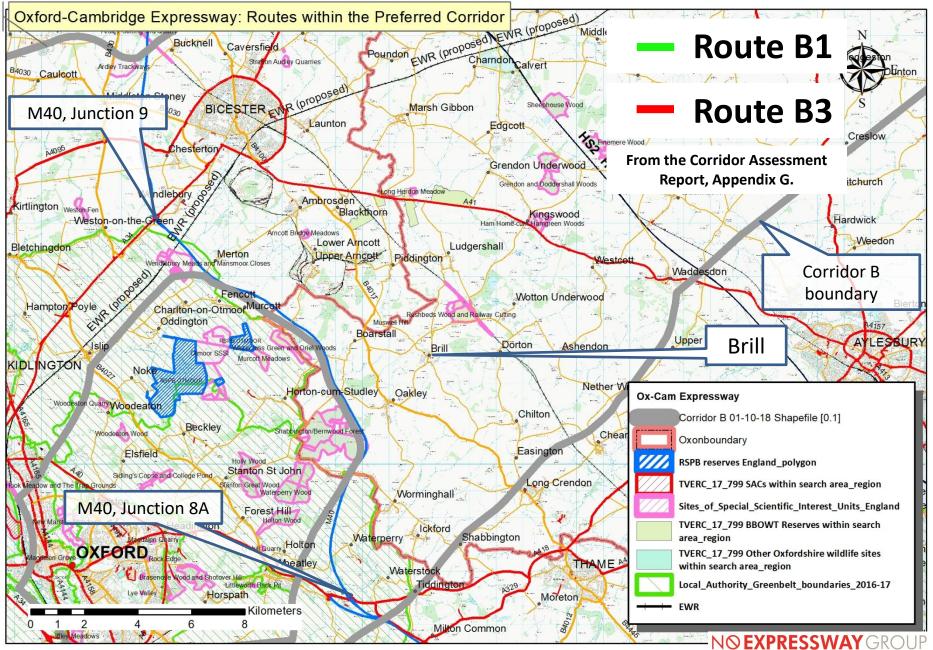
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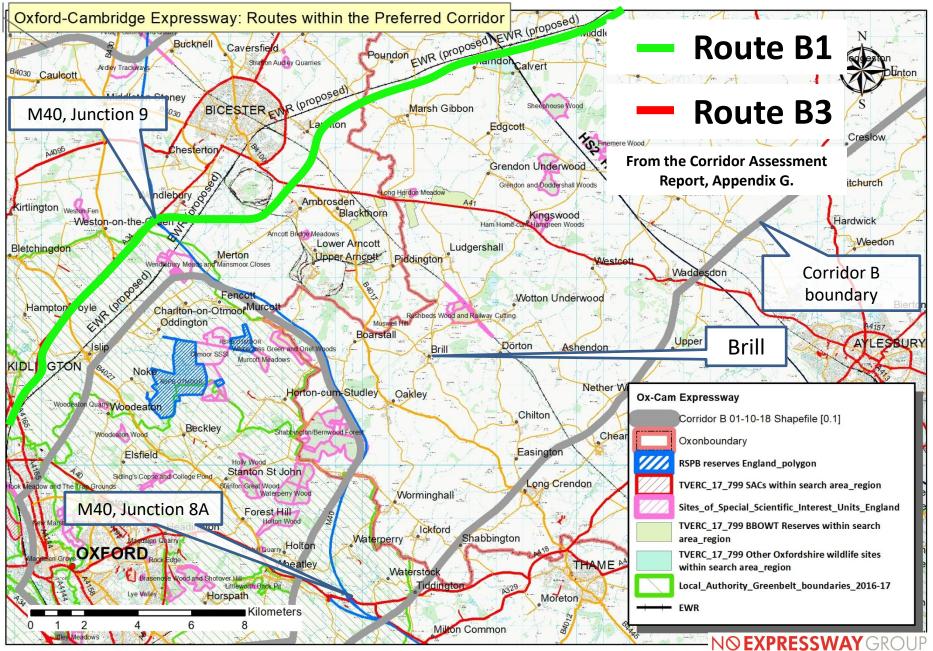


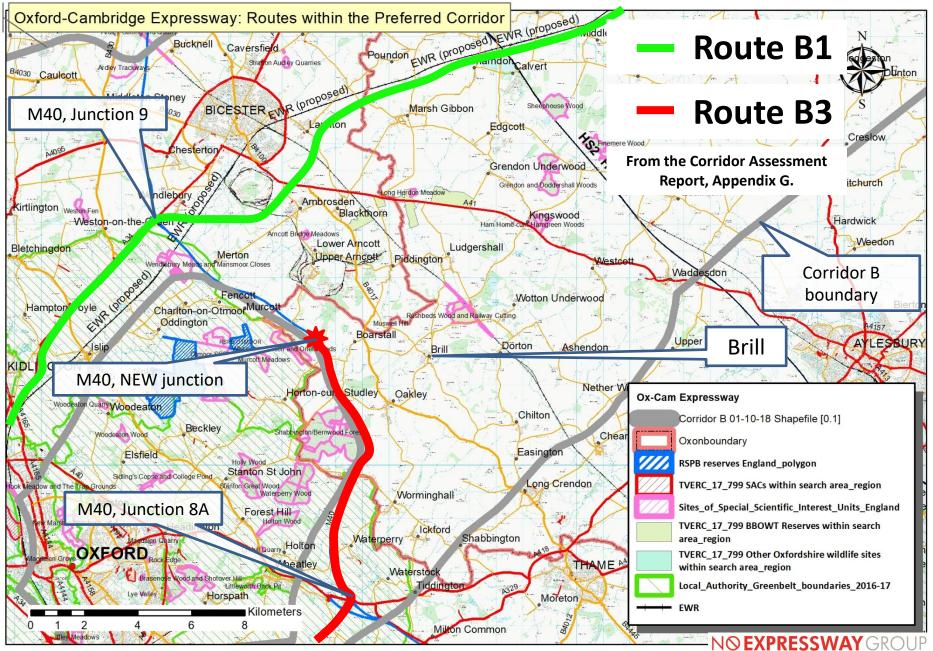
B News + Midlands News + Jaguar Land Rov

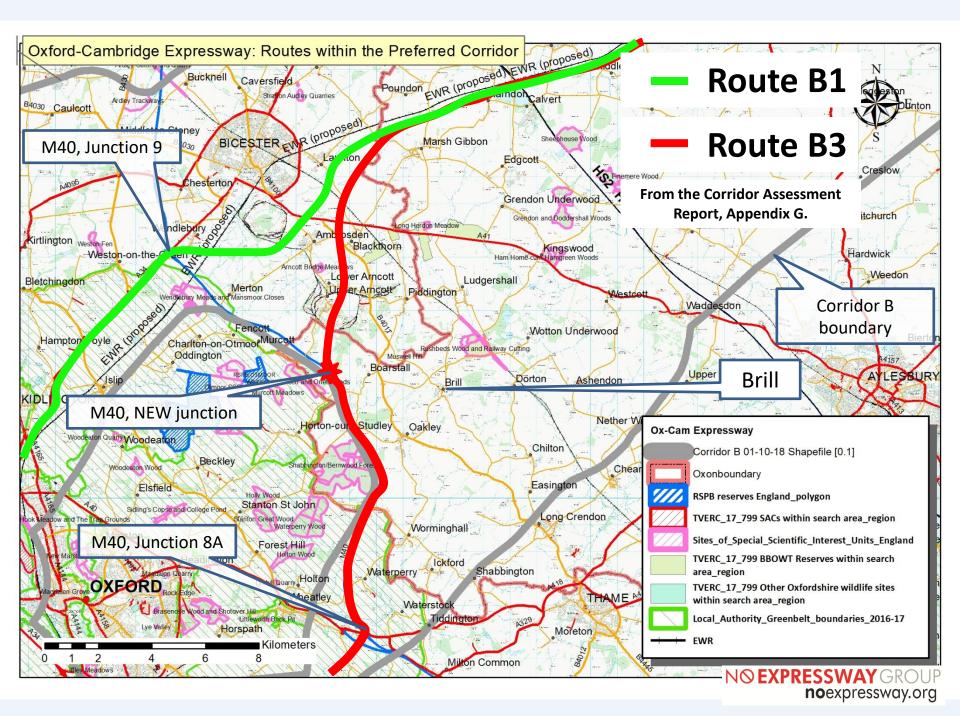


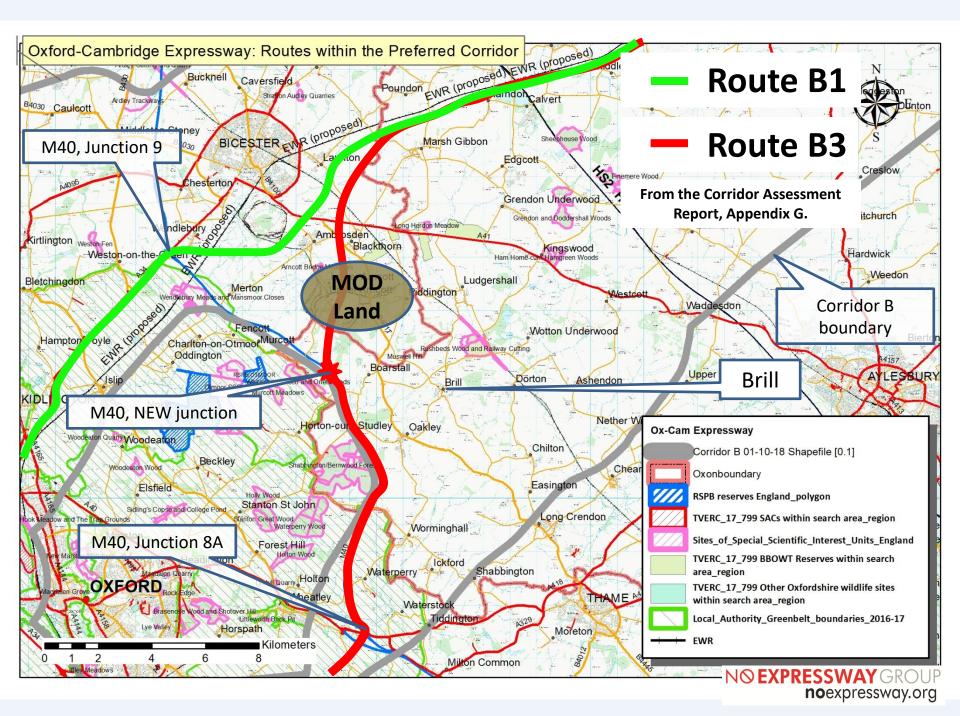
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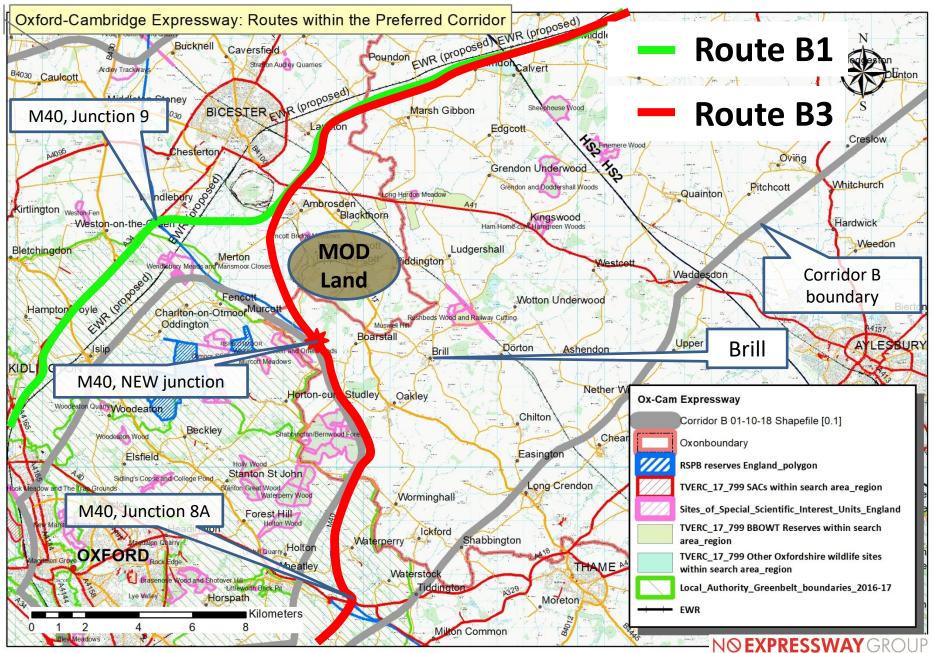


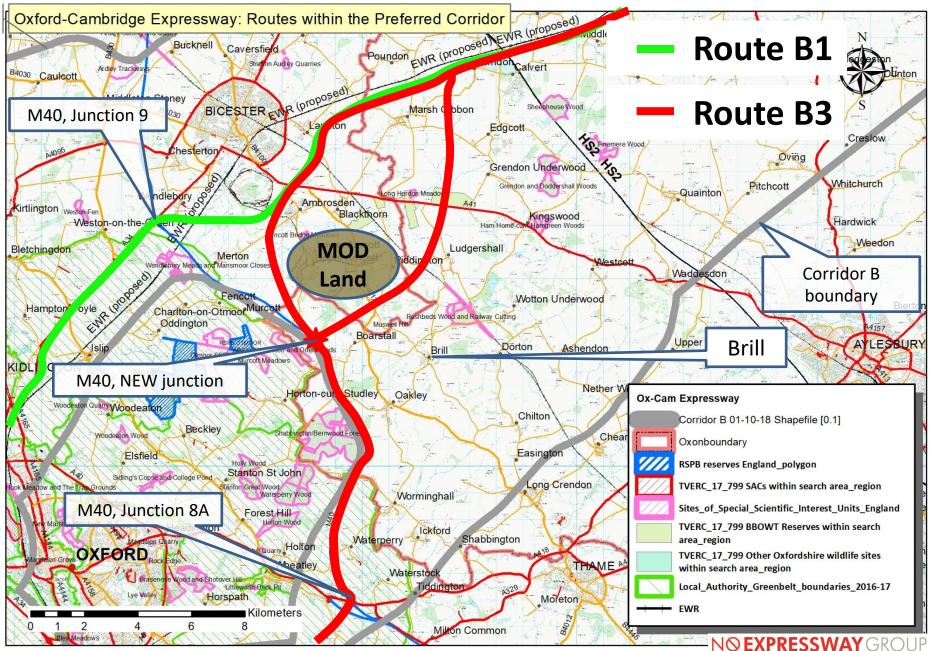


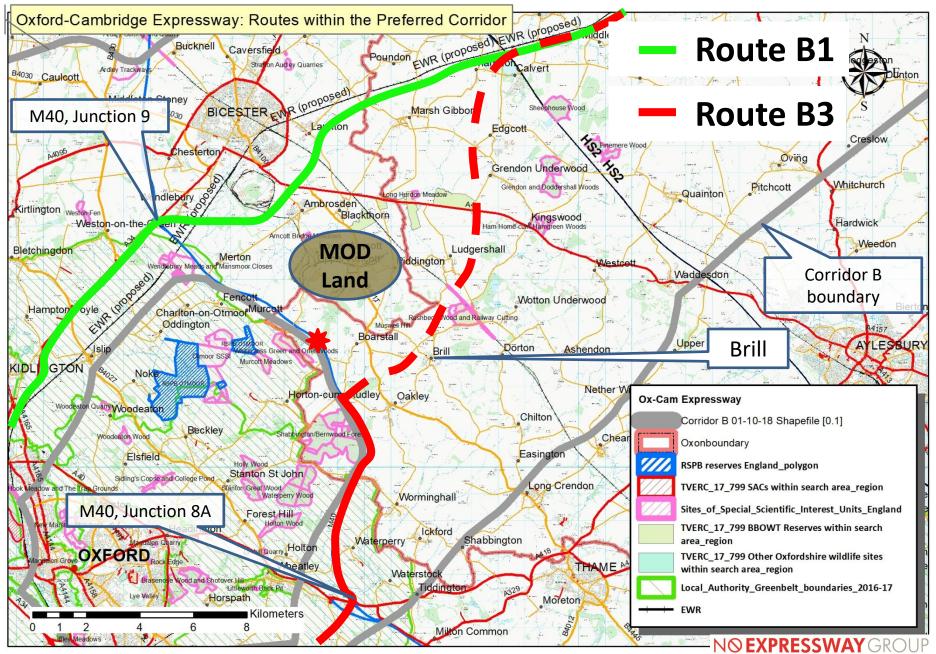


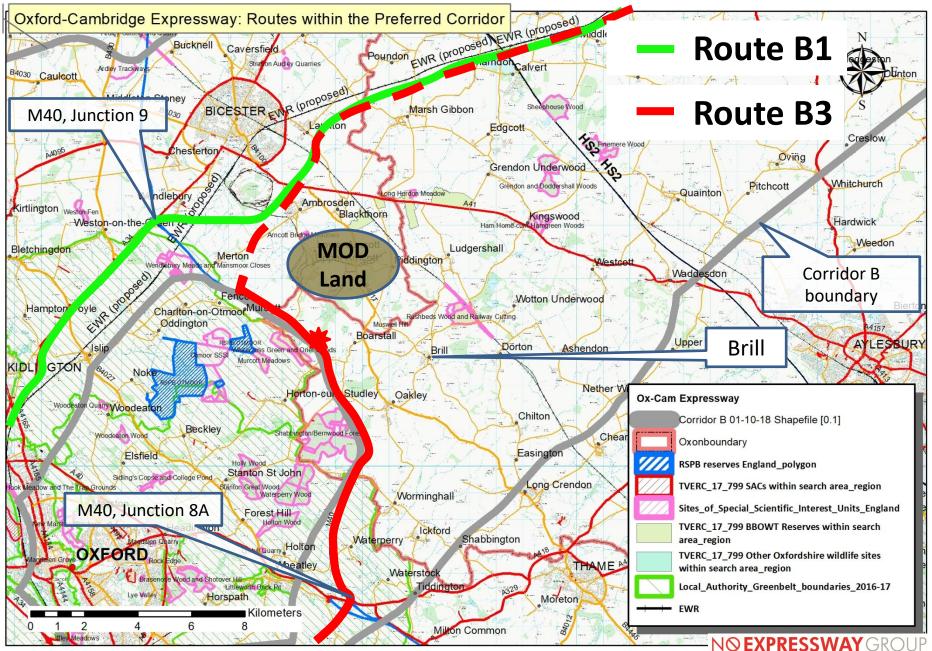


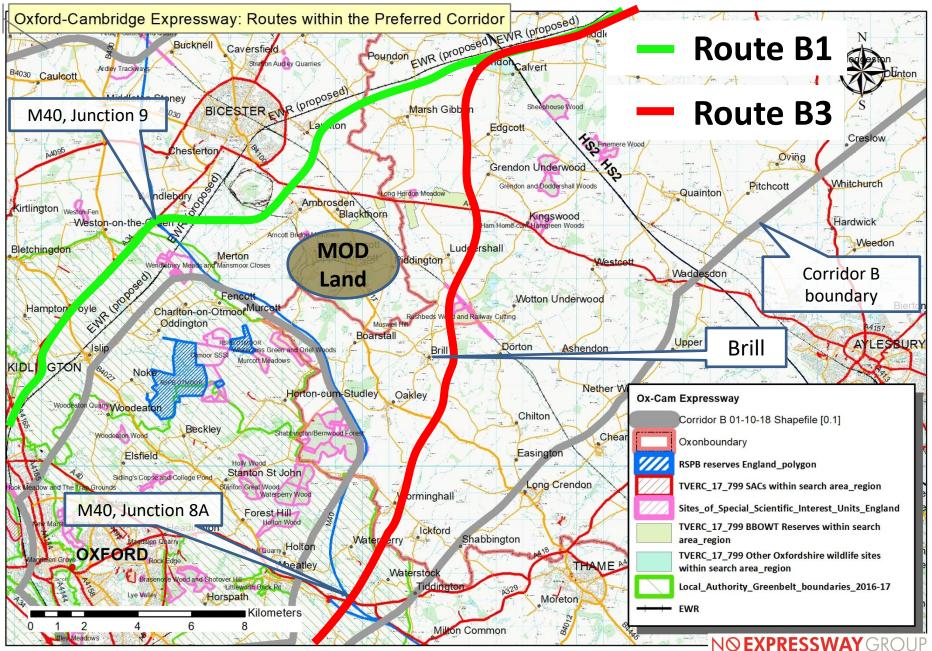


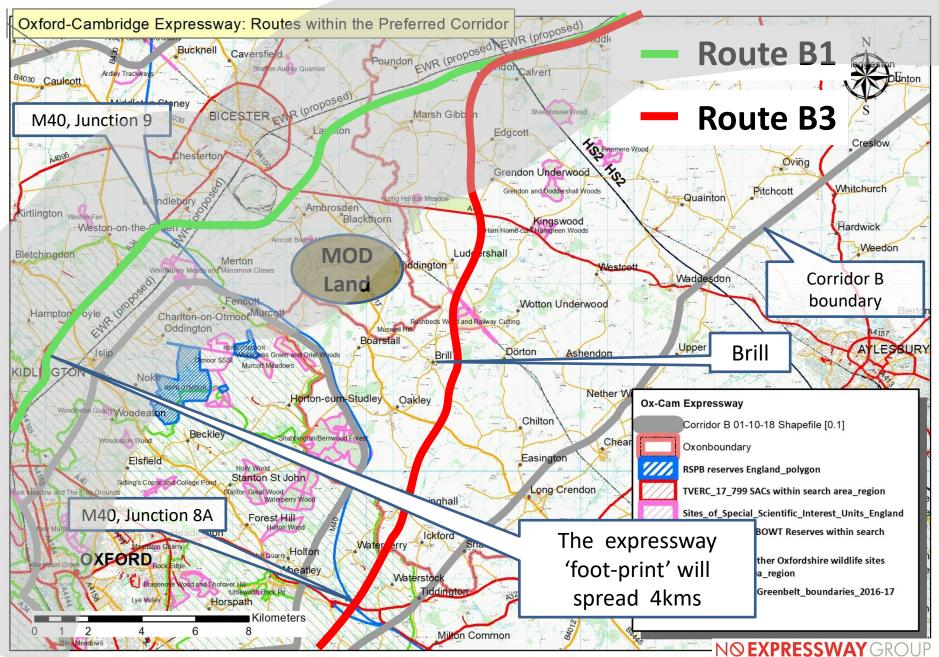


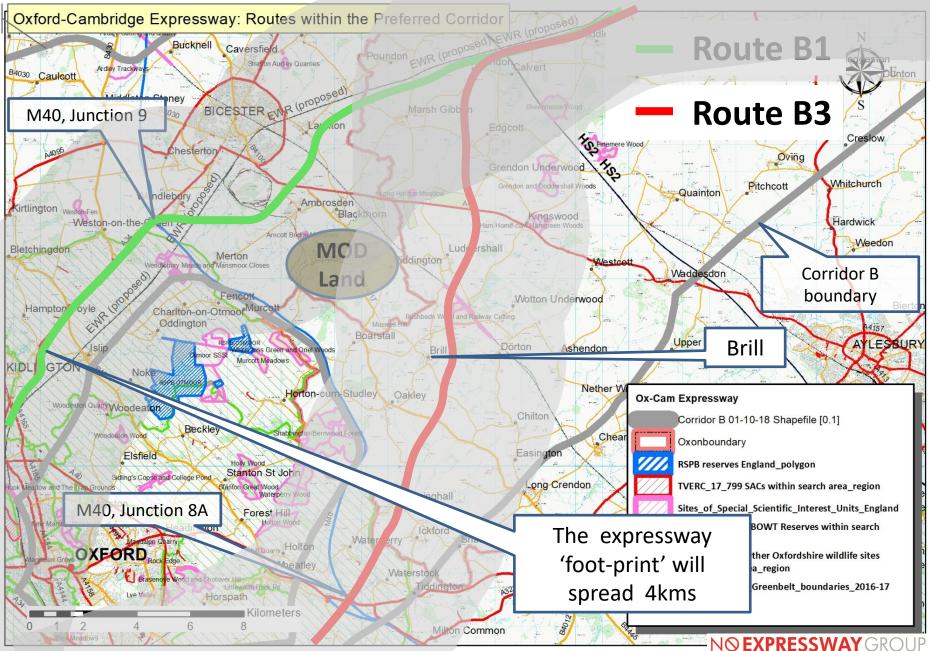












# crisis solution or 'dog's breakfast'?

#### By Patrick Barkham

How the development of old market town Bicester turned ugly

# and Houses?

Even without the Expressway, Buckinghamshire is set to grow

#### **Buckinghamshire census 2011**

Aylesbury Vale: 69,655 households (approx. houses) 174,137 people (2.5 pphh) (2011 ccensus)

Milton Keynes: 99,528 households (approx. houses) 248,821 people (2.5 pphh)

#### **Buckinghamshire County Council**

#### Plan-led Housing Growth (2013-33)

|                             | Need<br>(2013-33/36) | Unmet Need? | Plan level of housing? |
|-----------------------------|----------------------|-------------|------------------------|
| Aylesbury Vale              | 19,300               | n/a         | 26,800                 |
| Chiltern and<br>South Bucks | 14,700               | 5,800       | 7,600                  |
| Wycombe                     | 12,900               | 1,700       | 11,200                 |
| Total                       | 46,900*              | 7,500       | 45,600                 |

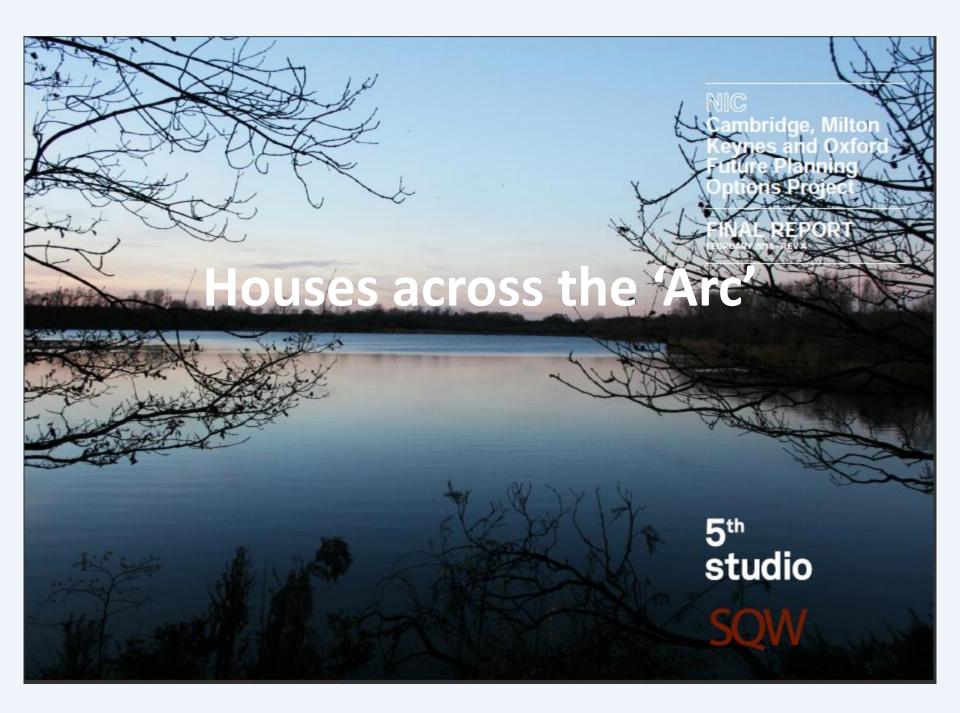
 Plus 600 more homes, to be addressed following a calculating error – likely to be split 200 in each local plan area

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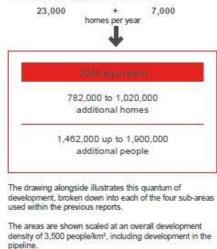
i.e. approx 38% growth in Aylesbury Vale 2013 - 2033 (MK planned growth 27% 2011-2026) (ONS projected growth for England is 16% by 2050)





based on the previous Savills/Arup/Econometrics analysis and their "Transformational Scenario", were agreed as follows:

TRANSFORMATIONAL + DEVELOPMENT ACCOMMODATED DUE TO PRESSURES FROM LAND CONSTRAINED MARKETS



While such a rate of growth is not unusual in the context of the last 100 years, it is a significant challenge in absolute terms, not least given the scale of urbanisation that has already occurred in this region of the country.

Development at a density typical of much twentieth century growth (3,500 p/km<sup>2</sup> serves as a proxy for this), and as indicated by the scaled areas shown here, would mean a significant reduction in areas of open countryside.

More efficient use of land through increasing development above this relatively low level, and the careful and coordinated location of new development, are therefore key challenges if this scale of growth is to be acceptable, while preserving the overall character and quality of the area. SCENARIO TO 2050

New areas of settlement at a scale of 3,500 people / km<sup>2</sup> with approximate totals.

This drawing shows the additional urban area required for the transformational scenario at a settlement-wide density of 3,500 people/km<sup>2</sup>, distributed according to SavIIIs/Arup/Cambridge Econometrics analysis.

The density is typical of much twentieth century growth and was selected based on a rounded average of the built-up density found across the comidor.

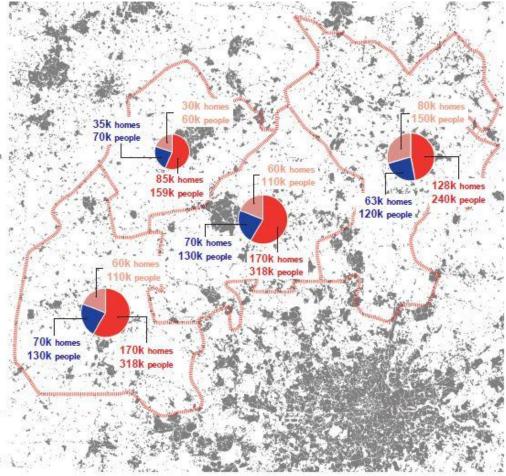
Current known planned development \*

Additional development required to meet the Transformational Scenario's Housing and Population Targets by 2050

Development accommodated due to pressures from land constrained markets\*\*

\* Under construction, approved, in for planning, or allocated.

"The distribution is indicative and follows a proportional frend according to the distribution of the "Additional development required to meet Transformational Scenario's Housing and Population Targets by 2050".



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Chapter 1: Introduction

Page 21 of 144 5th studio

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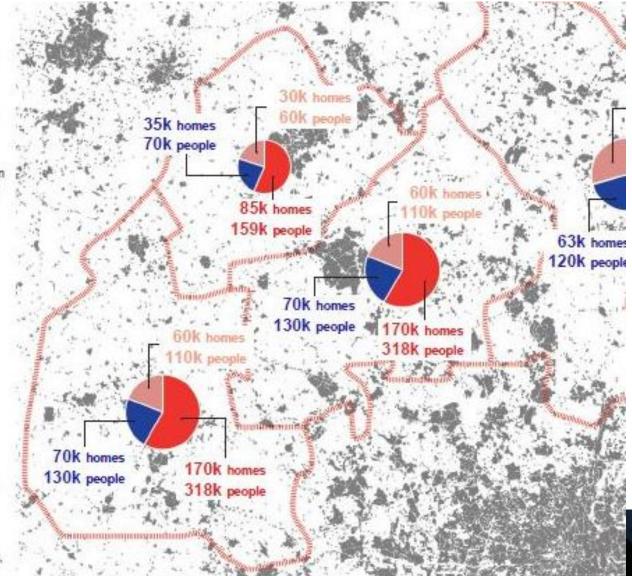
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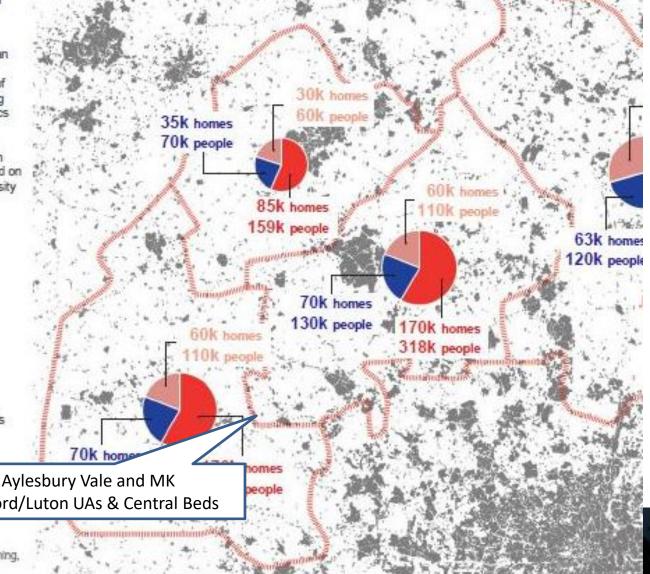
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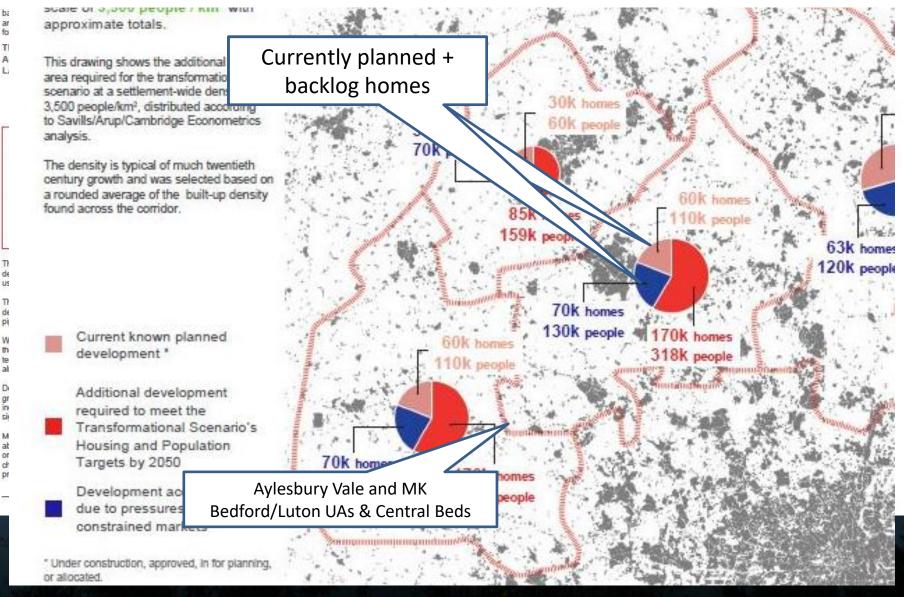
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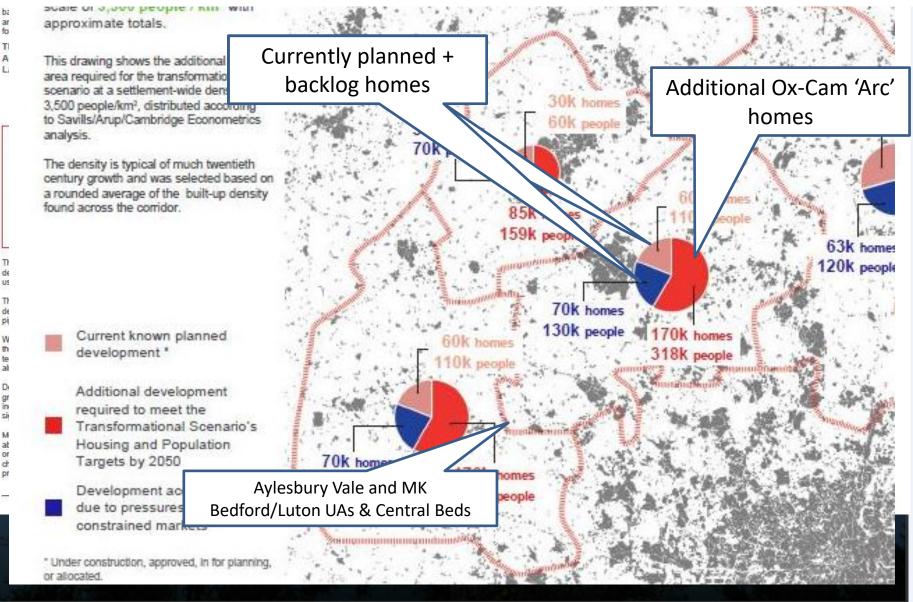
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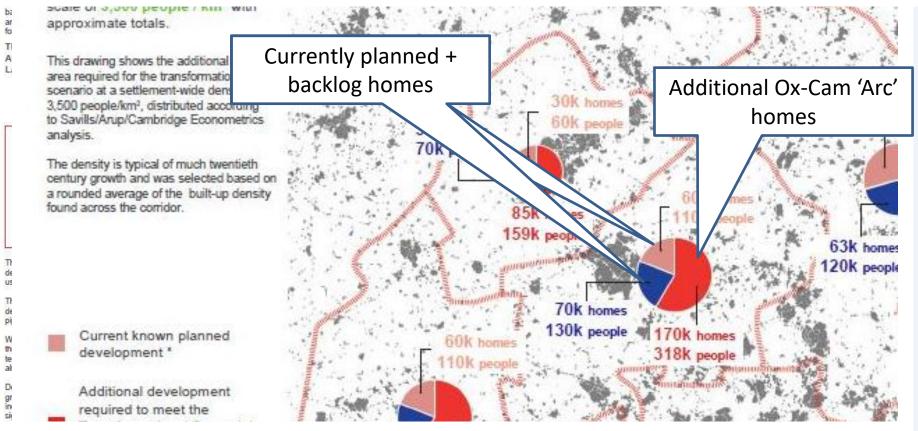
> Aylesbury Vale and MK Bedford/Luton UAs & Central Beds

\* Under construction, approved, in for planning, or allocated.







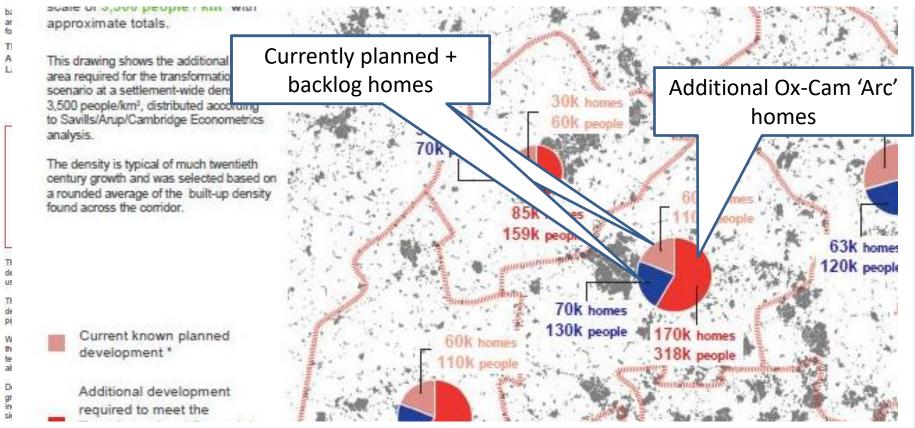


# Bucks' proportionate share of 170,000 expressway houses would be 82,000

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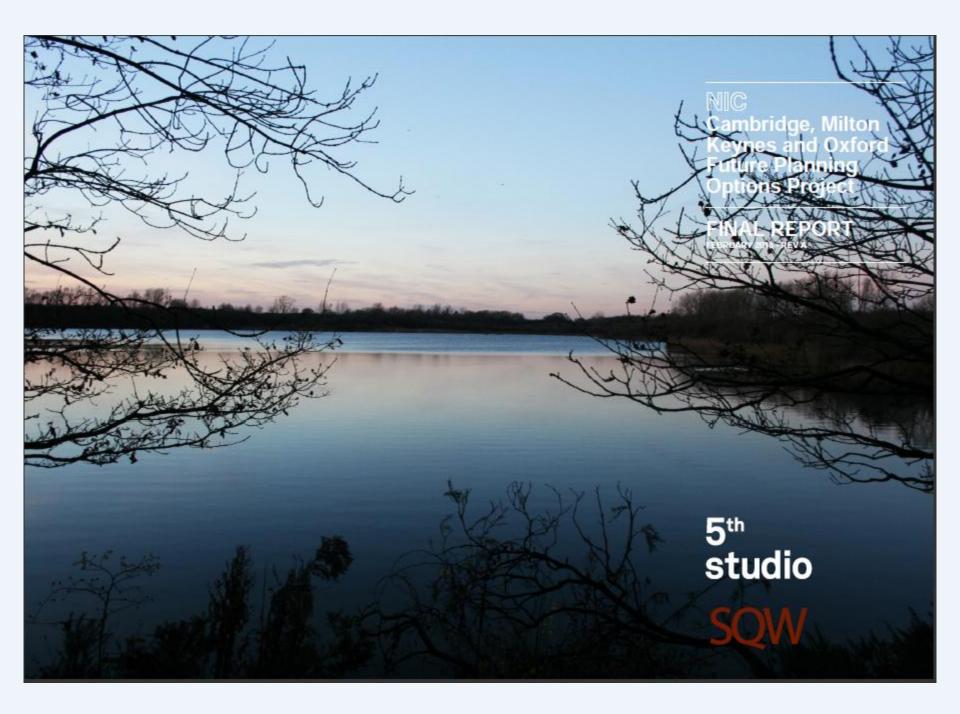
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# Bucks' proportionate share of 170,000 expressway houses would be 82,000

So, even with <u>no more</u> Local Plan growth, Bucks will grow by 87% by 2050 (national average 16% by 2050)



### 5<sup>th</sup> Studio Report. Types of housing growth

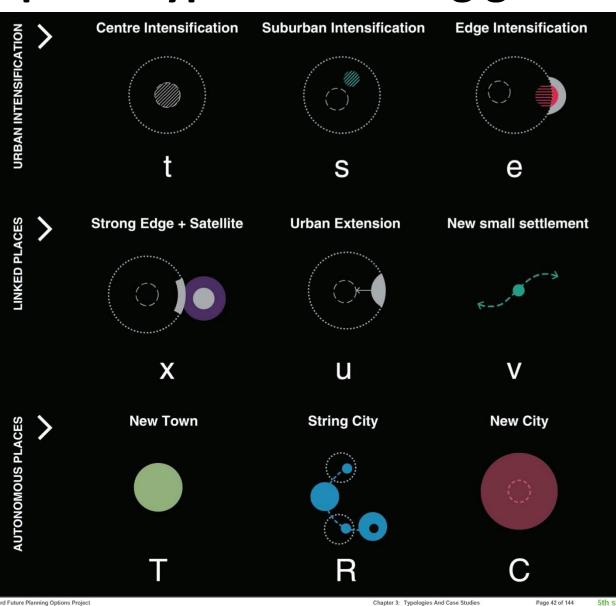
In total, nine different typologies have been identified and examined in greater detail through a located case study. While these only represent points within a wide field of possibilities, they are selected with the aim of providing a clear sense of the different approaches and issues across that range.

**3x3 TYPOLOGIES** 

The nine typologies are broken down into three broad types, as indicated below, and in the overview to the right:

- Urban Intensification The first set of three all relate to intensification with existing more or less urban areas.
- · Linked Places The next set of three are all, in one way or another, linked to a nearby town/city and would need to work in concert with the infrastructure of that existing place to provide the full range of jobs/services/facilities need to support the given residential population. So for instance, a new small connected settlement would most likely need to work in tandem with the town centre intensification typology.
- Autonomous Places The final set of three are all new settlements of sufficient scale to be more self-contained than the last three. As such, they take a more active functional economic role, with a greater proportion of employment uses and higher order services (in proportion to the scale of the settlement) within the settlement itself - and consequently less reliance on surrounding settlements in terms of day-today activity. These settlements also require a higher level of connectivity, particularly in terms of access to national road and rail networks.

The nine typologies have been developed based on an appreciation of the best practice examples referenced on the previous page. Each one is presented in turn through the remainder of this chapter.



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Chapter 3: Typologies And Case Studies

5th studio

### 5<sup>th</sup> Studio Report. Types of housing growth

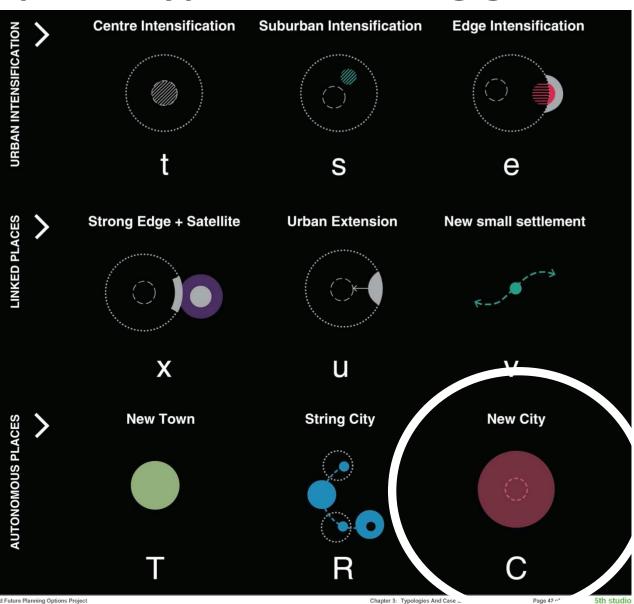
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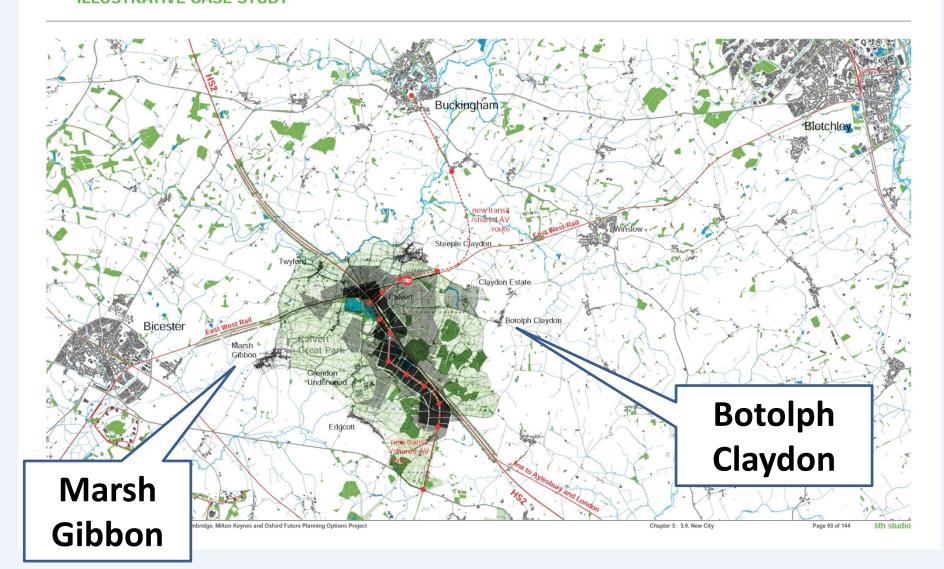


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Chapter 3: Typologies And Case

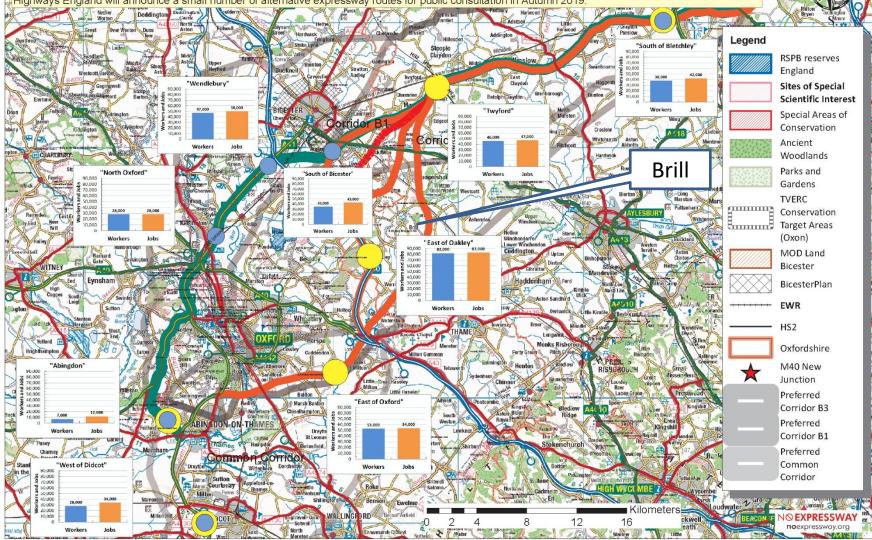
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#### 5<sup>th</sup> Studio Report. Types of housing growth 3.9. NEW CITY ILLUSTRATIVE CASE STUDY Case Study 9. New City

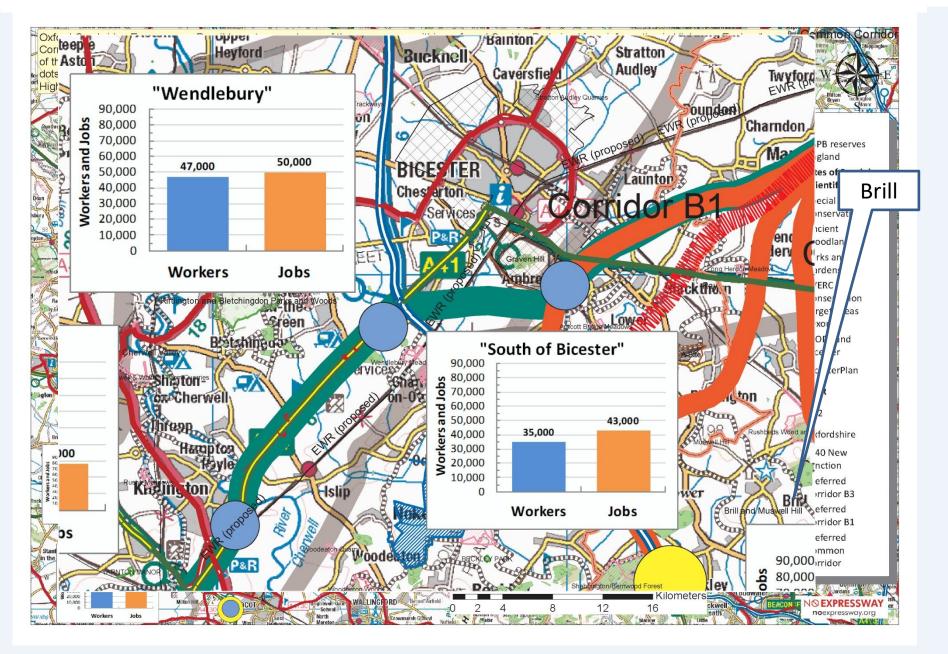


#### .. how many new homes along the Expressway itself?

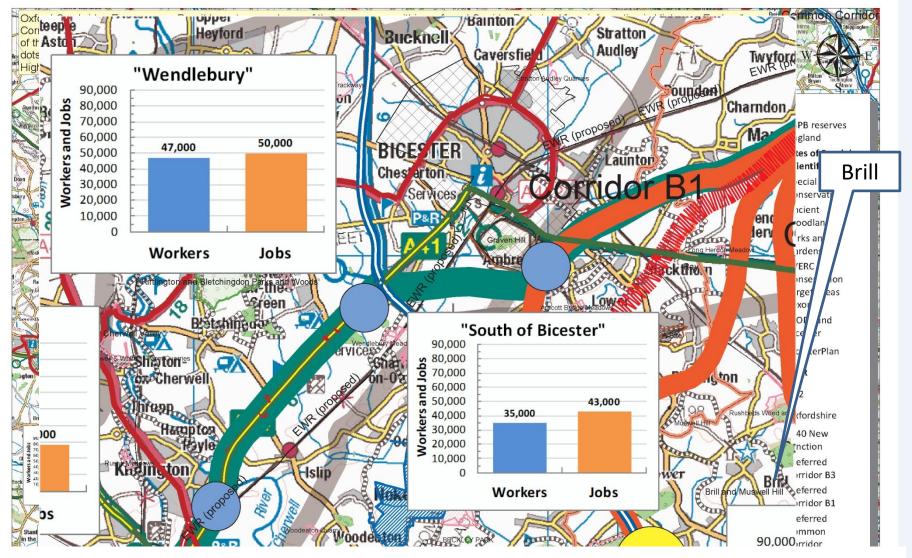
Oxford-Cambridge Expressway. Possible routes are shown of the expressway within preferred Corridor B, derived from information in Highways England's Corridor Assessment Report (CAR). Route B1, West of Oxford City, in Green. Route B3, East of the City, in Red (several options are shown North and East of the M40). "Aspirational development" (workers/jobs) has been modelled at expressway junctions, the very approximate locations of which are indicated by dots in blue, for Route B1, and yellow, for Route B3 (derived from information in the CAR). All the routes and junctions shown here are for guidance only. "Highways England will announce a small number of alternative expressway routes for public consultation in Autumn 2019.



#### Option B1, 82,000 workers/65,000 new houses nr. Bicester



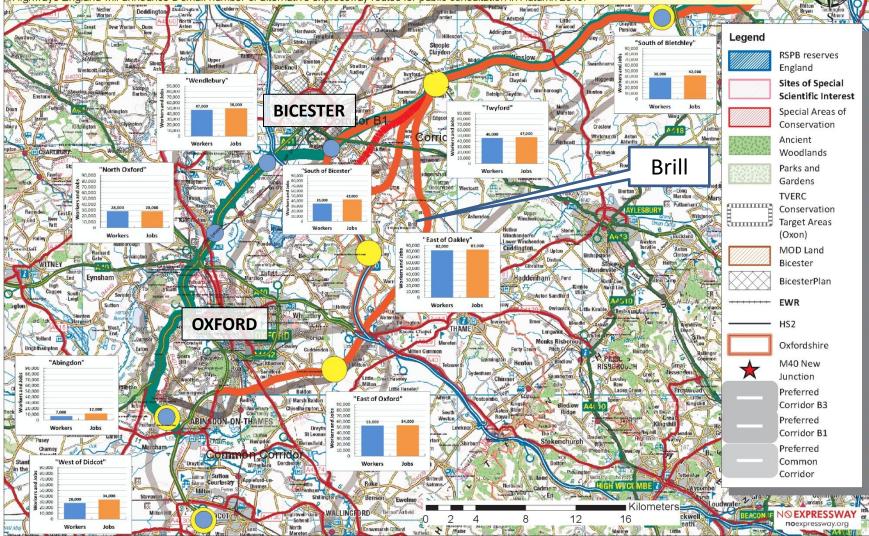
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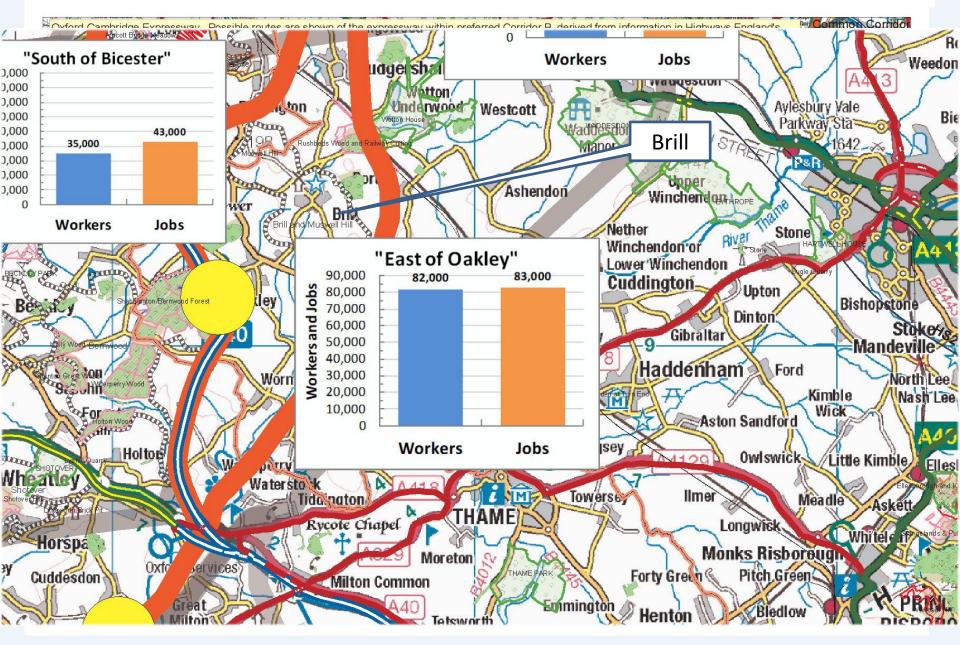
#### That's 150,440 people (Oxford City has 154,600 2017 figure )

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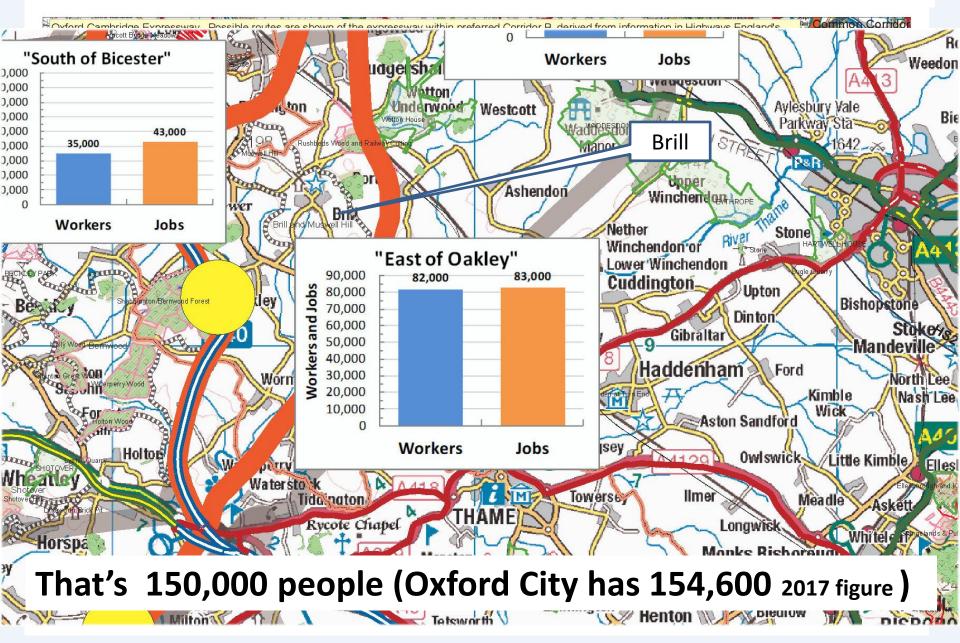
Corride



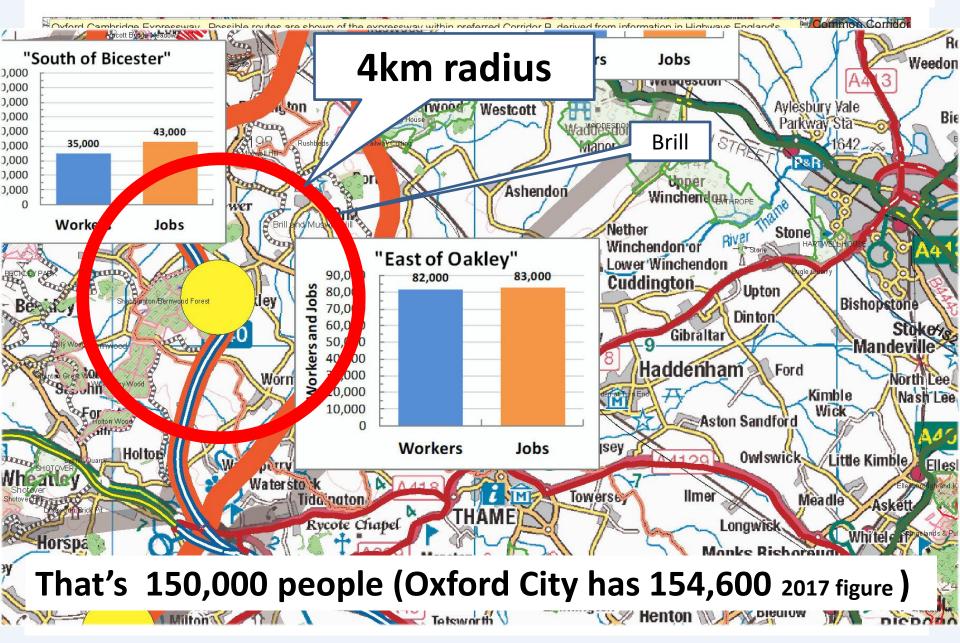
### Option B3, 'East of Oakley'... also 65,000 houses



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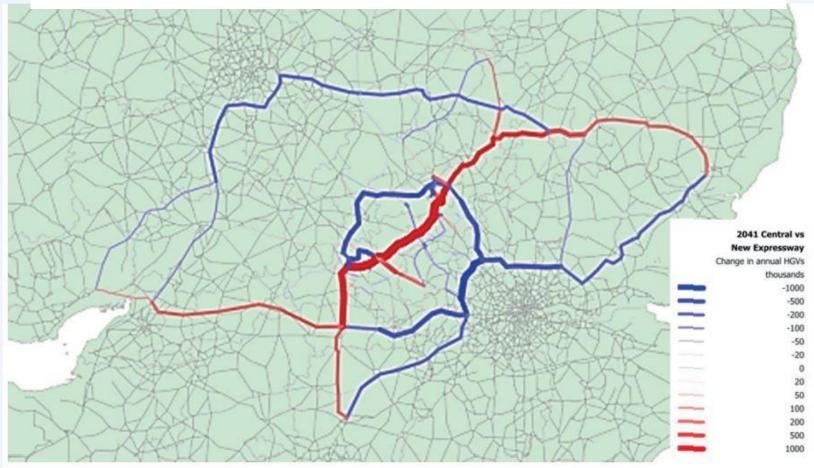


Figure 6-1: Change in 2041 HGV Movements due to Expressway Intervention

## HGV movements will increase along the RED routes and decrease along the BLUE routes

From Oxford to Cambridge Expressway Strategic Study: Stage 3 report, p. 47. November 2016

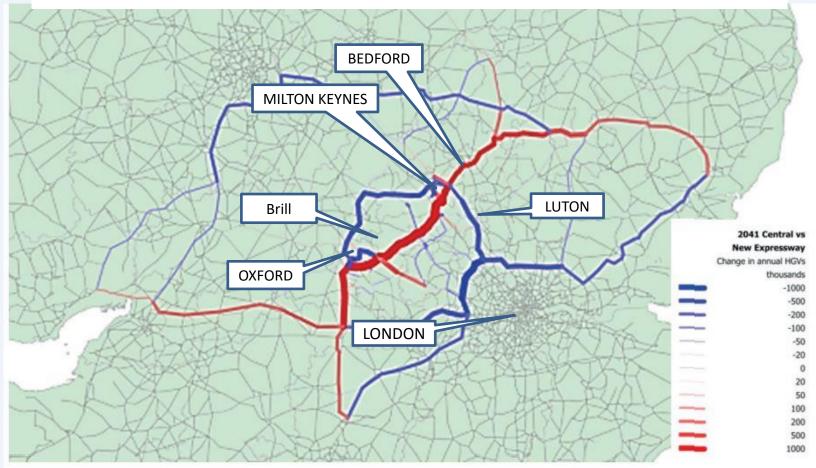


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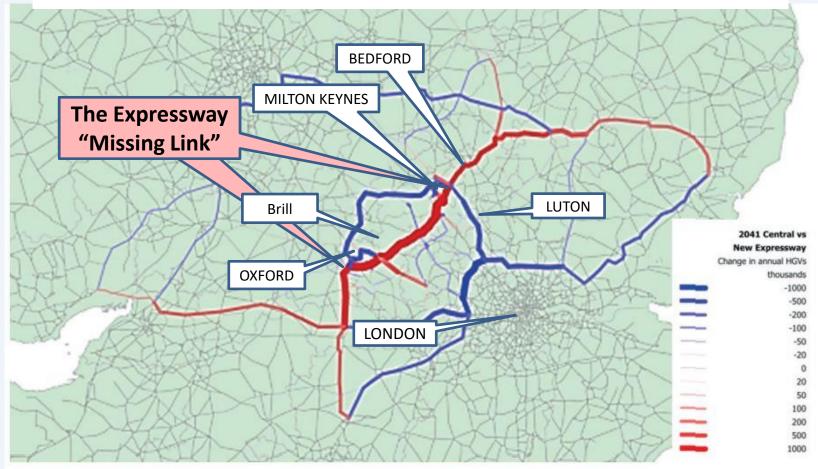
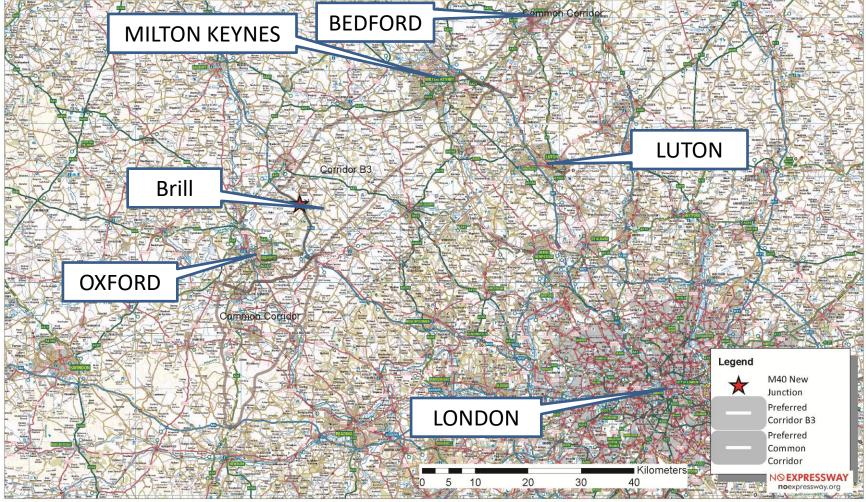
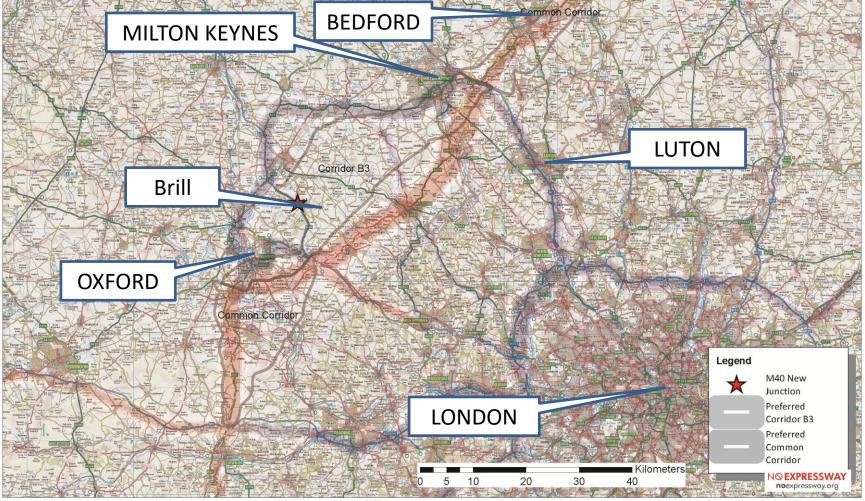


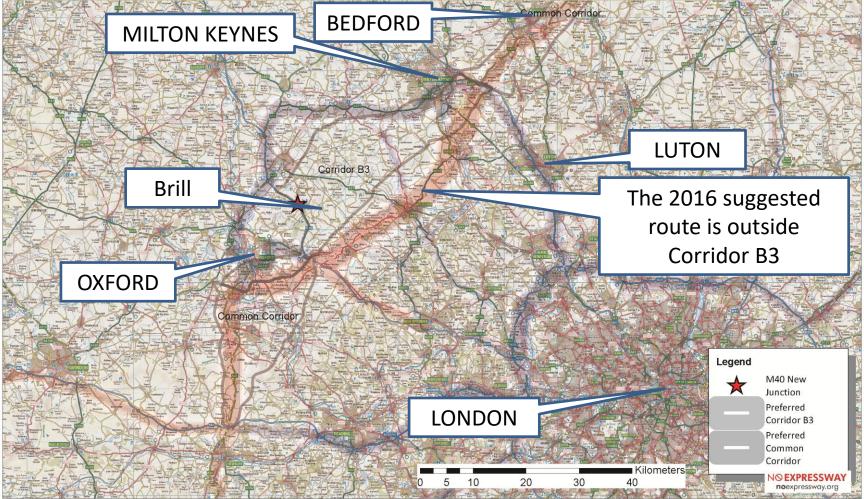
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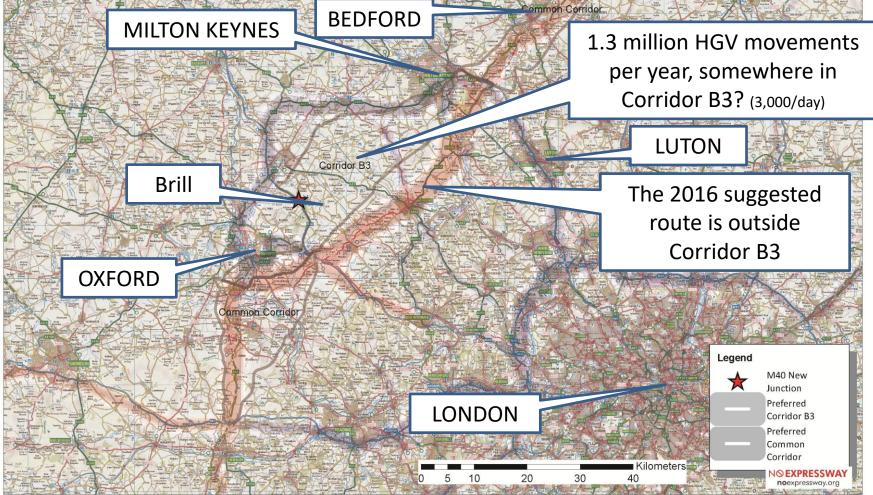
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#### STRATEGY. Common sense says.....



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1) Public transport not private transport.

2) Social housing not commercial/'affordable' housing.

3) Jobs to the North of the country, not to the South.

4) Freight by rail, not by road.

5) Engage with the affected population.

6) If you double a population in 30 years..... It will be difficult to create a 'sense of place' for the newcomers... and....

... it will destroy the sense of place of those already living there.



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In our digital, fast-changing world, why is common sense so un-common?

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## So, will we be consulted by Highways England?

from the Minutes of a meeting between Highways England and Stakeholders, March 2018

## So, will we be consulted by Highways England?

"Engagement with members of the public on corridors is challenged by the scale of the Project area.

There are c.3.3 million people living in the arc. Consultation on corridors would require years of additional work at substantial cost to taxpayers. It would also leave a level of uncertainty across the region that was undesirable.

The Project Team are therefore engaging with Stakeholder Reference groups who themselves represent various public interests (environment, road users etc)."

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# and the Stakeholders, representing the public, are.....?



BRITISH AMERICAN TOBACCO







centrica



JOHN LEWIS & partners



#### HOTELS & RESORTS



INLAND WATERWAYS





BRITISH AMERICAN TOBACCO









HOTELS & RESORTS

JOHN LEWIS & partners

GlaxoSmithKline







INLAND WATERWAYS



Berkshire Buckinghamshire 'Oxfordshire

AstraZeneca



Товассо



Berkshire Buckinghamshire 'Oxfordshire

AstraZeneca



#### Товассо







## Aylesbury Vale District Council









SOUTH BUCKS District Council These Councils (<u>ALL</u> stakeholders) are supposed to be representing OUR interests to Highways England.

They are supposed to be consulting with us, so that our views are passed back to Highways England.

Let's make sure that they do.

#### **TACTICS.** The Future Campaign



#### **TACTICS.** The Future Campaign

- 1. Gather more information on the steps ahead.
- 2. Spread the information across the network of Expressway villages.
- 3. Submit Environmental, Heritage, Wildlife and other information to Highways England (anyone can do this, not just registered Stakeholders).
- 4. Urge people to involve Parish, Local and District Councillors in Expressway plans. (Highways England must produce a Statement of Community Consultation, SoCC).
- 5. Write to Councillors, MPs and influential people in your neighbourhood.
- 6. Work to cancel the Expressway before it is too late (promote East-West Rail as an alternative).
- Take part in the Highways England (HE) consultations (Autumn 2019 and 2020) and the Ministry of Housing, Communities and Local Government (MHCLG) engagement ('Summer 2019').
- 8. Raise funds and recruit experts to help with the formal Planning Inspectorate process (Autumn 2020 onwards).
- 9. When the time comes, register as Interested Parties for the Planning Inspectorate hearing the last opportunity to make your feelings known.

10. If this scheme goes ahead, digging will start in 2025 for completion in 2030.

## Thank you!

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