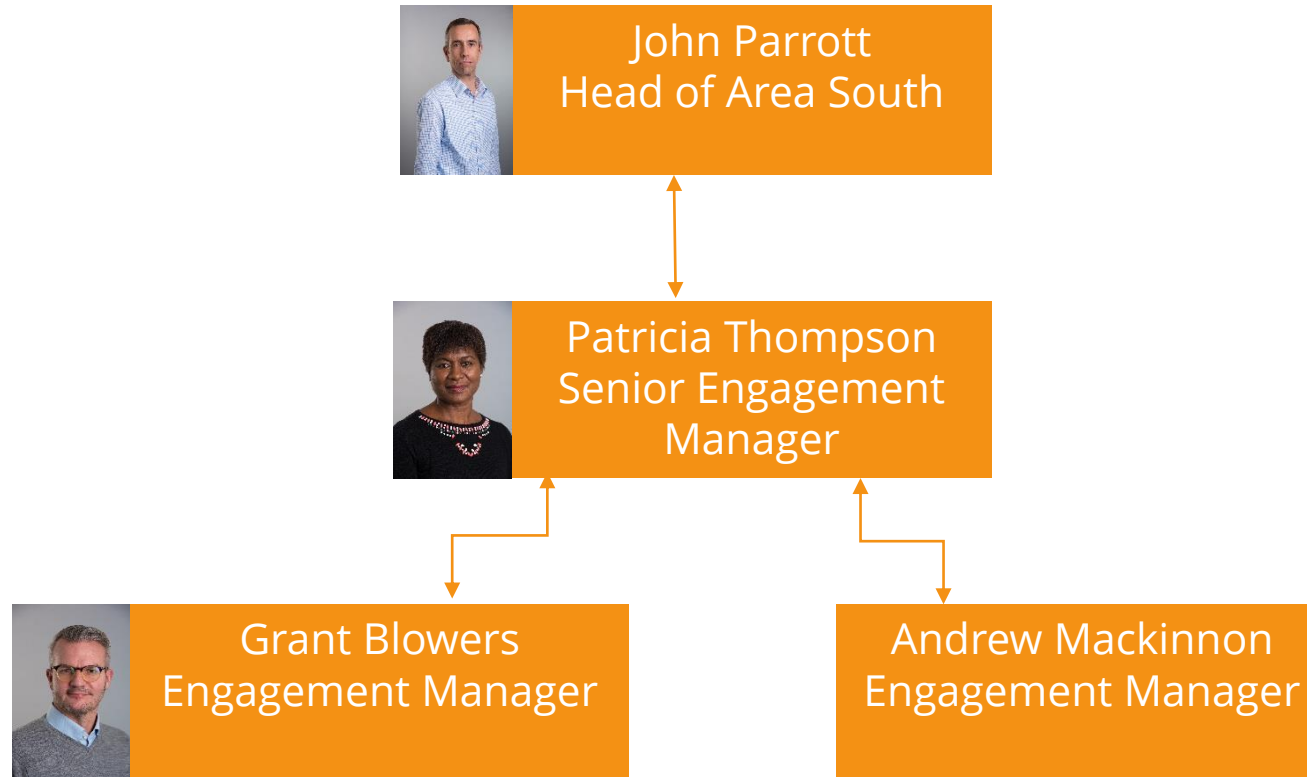


HS2

HS2 working in Hillingdon

South Ruislip Residents' Association 23 January 2019

Engagement in Hillingdon



Engagement in Hillingdon

- Events such as those held in October 2018
- Notices
- Monthly meetings with community group chairs
- Traffic Working Group in association with Hillingdon
- HS2 in Hillingdon:
Hs2inhillington.commonplace.is
- Newsletter
- Help Desk:
24/7 Freephone – 08081 434 434
HS2enquiries@hs2.org.uk

Drop in surgeries

- Tuesday 29 January, Ruislip Manor library, 2pm to 5pm
- Monday 4 February, Ickenham library, 2pm to 5pm
- Friday 15 February, Harefield library, 2pm to 5pm
- Monday 25 February, Ruislip Manor library, 4pm to 7pm
- Monday 4 March, Ickenham library, 2pm to 5pm
- Friday 15 March, Harefield library, 2pm to 5pm
- Tuesday 26 March, Ruislip Manor library, 2pm to 5pm
- Thursday 4 April, Ickenham library, 4pm to 7pm
- Friday 12 April, Harefield library, 2pm to 5pm
- Tuesday 23 April, Ruislip Manor library, 2pm to 5pm
- Monday 29 April, Ickenham library, 2pm to 5pm

HS2

West Ruislip TBM Power Supply

West Ruislip TBM power supply

Contents

1. Why we need the power supply
2. Options considered within the area
3. Chosen route
4. What does it mean to residents
5. Timeline and next steps



Why we need the power supply

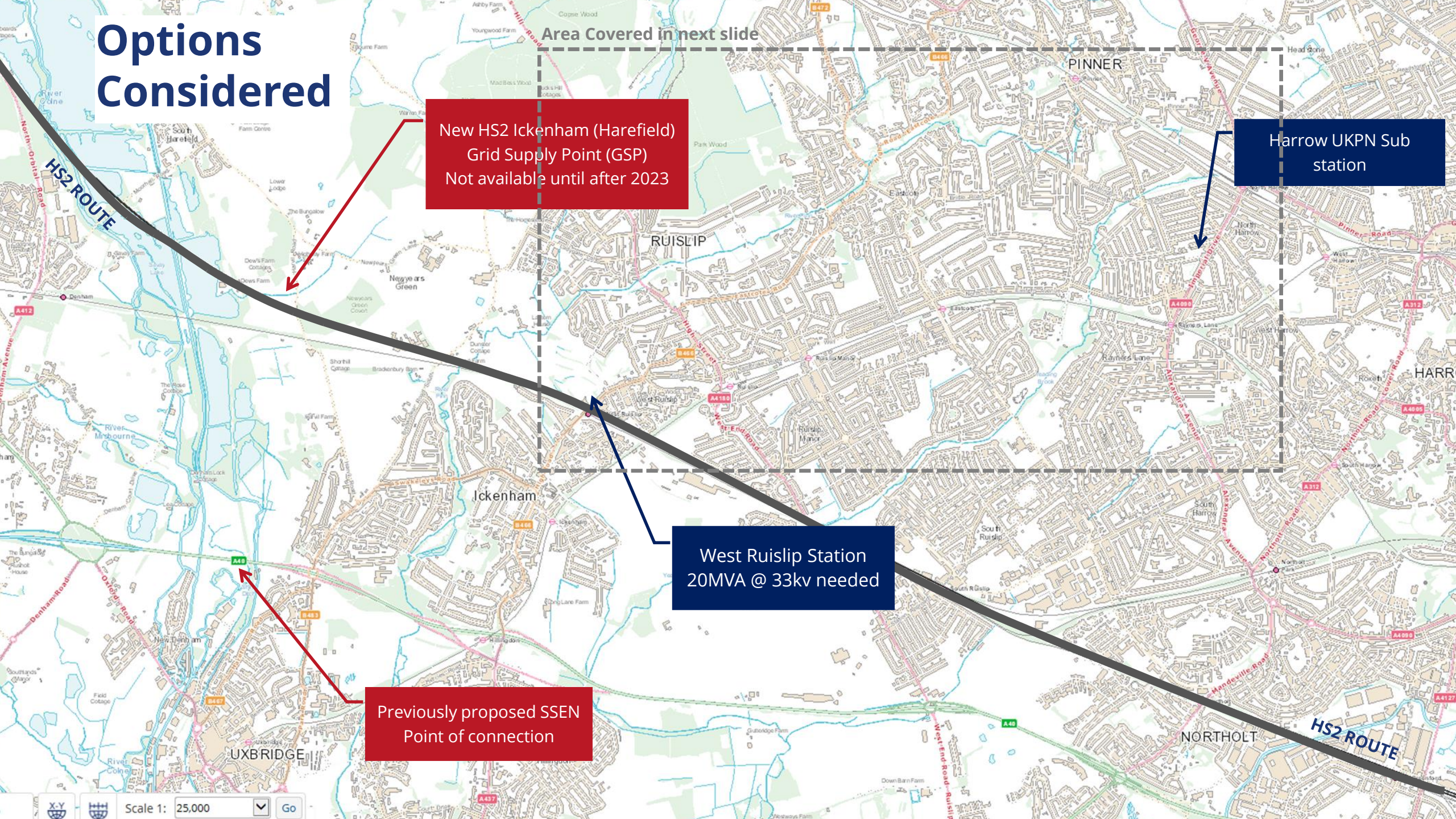
A high capacity 33kV 20MVA power supply is required at West Ruislip for a Tunnel Boring Machine (TBM) that will create the tunnels between Ruislip and Old Oak Common.

As a comparison, a 1MVA supply would typically provide power to about 250 domestic properties.

Once the tunnelling is completed, then the power supply will then be used to power operational equipment within the tunnel.



Options Considered



Proposed route



Roads along the proposed route

Harrow

Farm Avenue
Rayners Lane
Whittington Way
St Michael's Crescent
Cannon Lane
Cannonbury Avenue
Rushdene Road

Hillingdon

Rushdene Road
Deane Croft Road
Meadow Way
Hawthorn Avenue
Lime Grove
Myrtle Avenue
The Uplands
Westholme Gardens
Manor Way
Midcroft
Ickenham Road

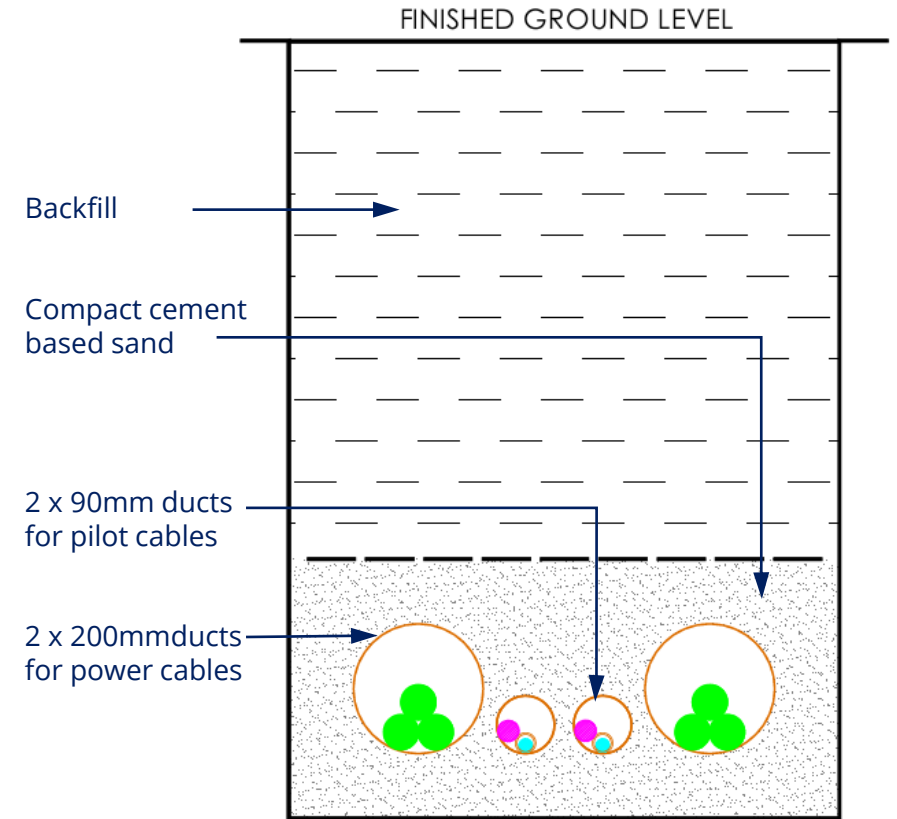


What does it mean to residents

Four separate worksites spread along the 7km route comprising of:

- 50m long x 1.5m wide x 1.65m deep trench with fencing and traffic management either side.
- In specific areas, e.g. where there will be cable pulling pits, the trench will be wider.
- A rolling programme with the duration of works in each 50m section to be around two to four weeks.
- One lane of traffic would be kept open at all times.
- Local authority specific requirements on street works will be applied including work around sensitive receptors such as busy junctions and schools.

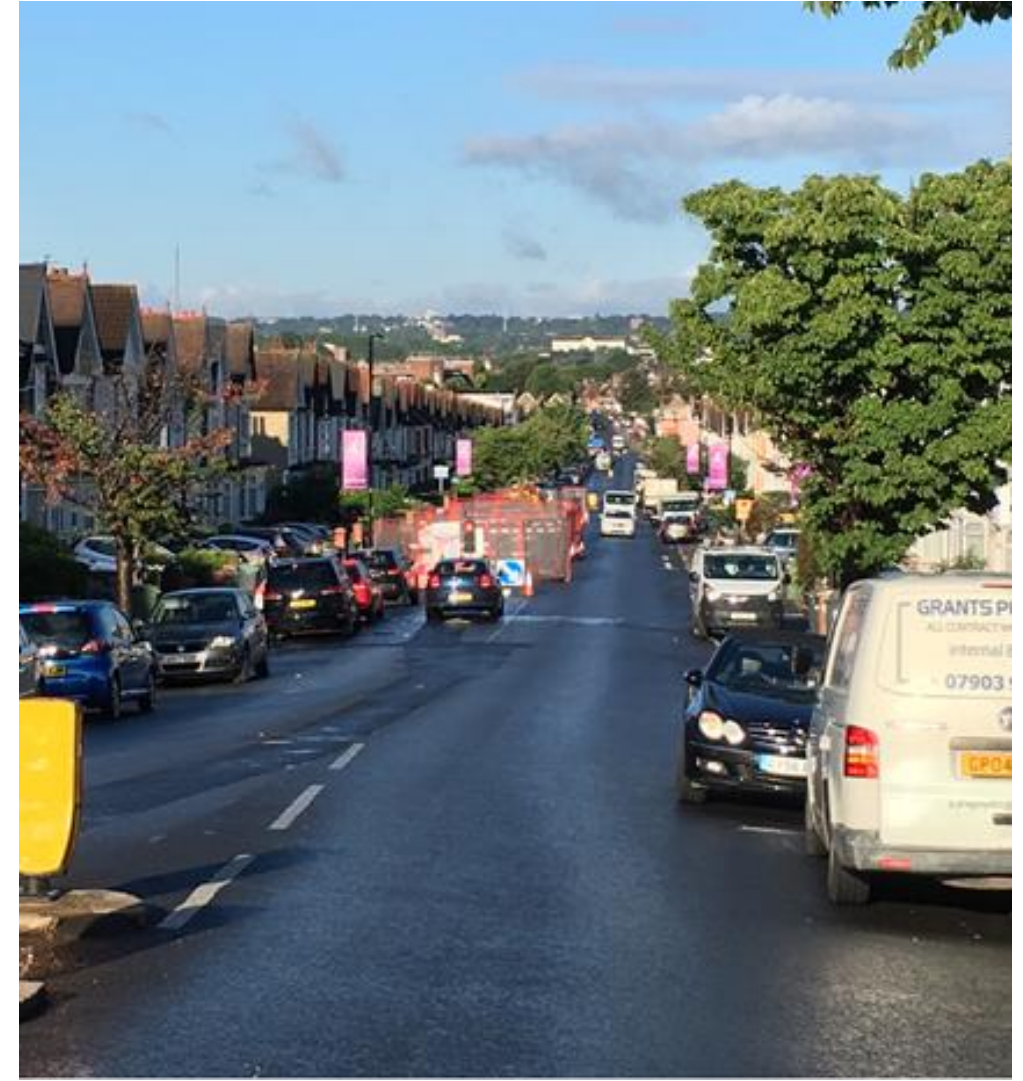
Typical construction detail for 33kV Cable Route



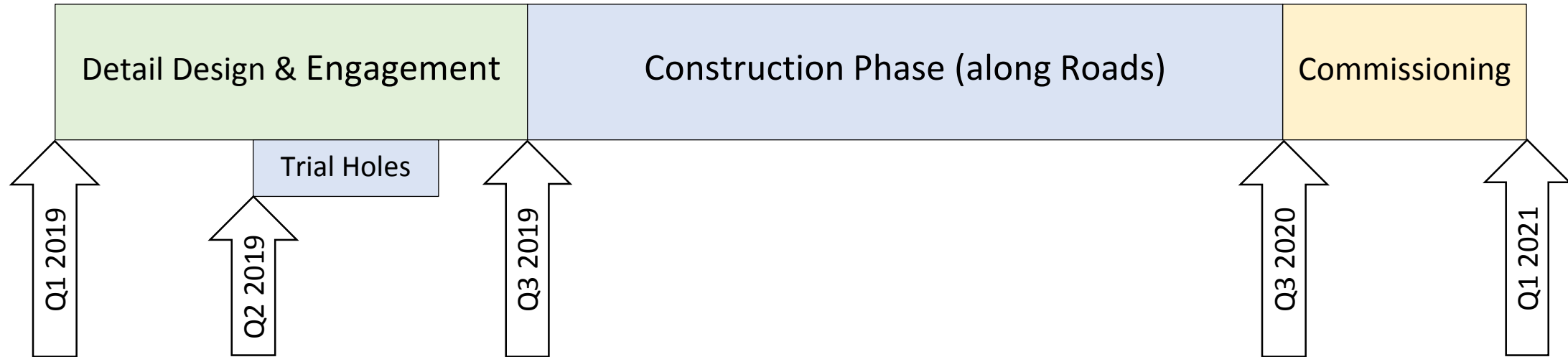
Typical worksites (1)



Typical worksites (2)



Proposed Timeline & next steps*



** The programme shown is based on Scheme Design Stage*

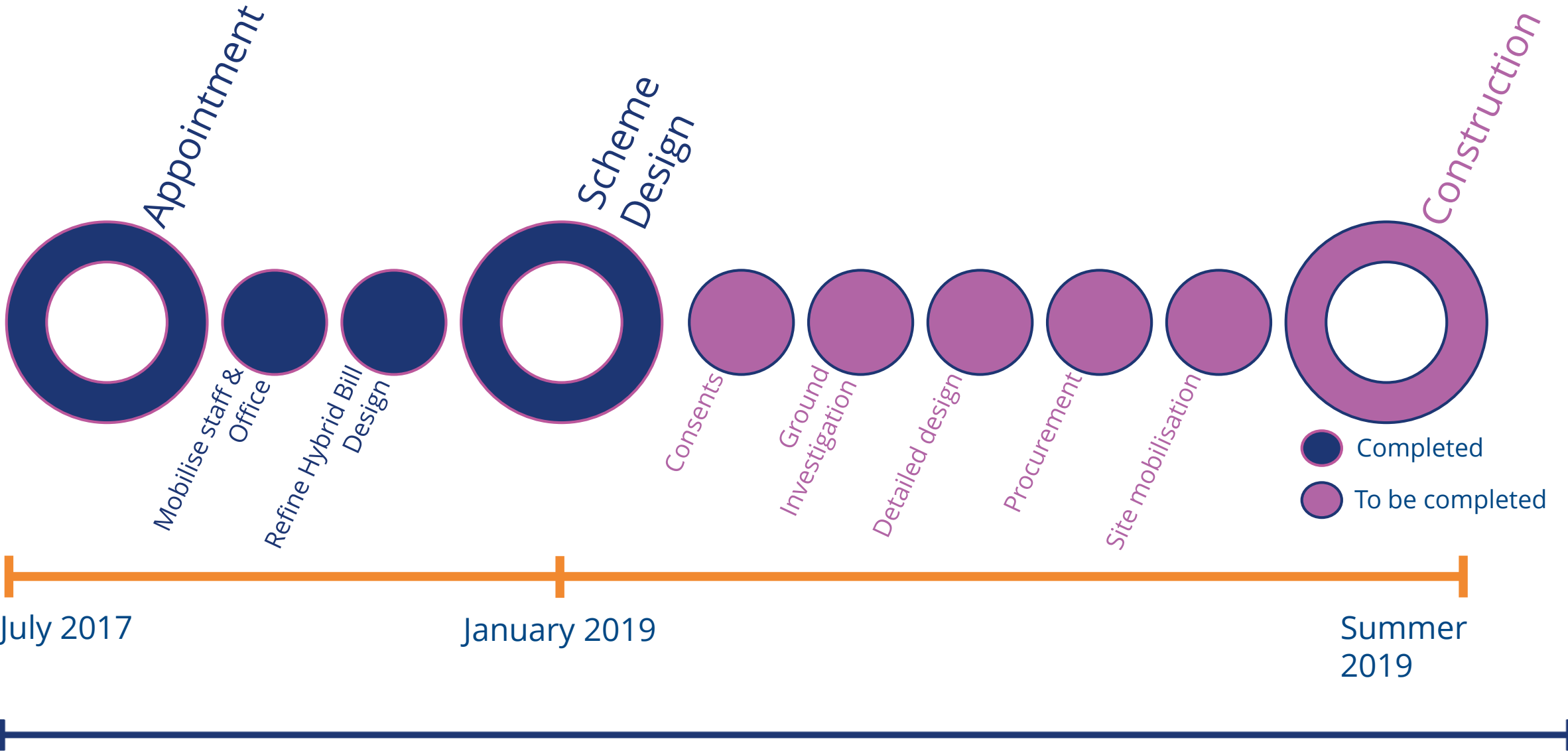
SCS works in South Ruislip

Contents

- Timeline for 2019
- Timeline for construction
- HS2 in South Ruislip
- Utility Protection /
Diversion
- South Ruislip Vent Shaft
- HGV Routes



Timeline for 2019



Timeline for Construction

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- First visible works on site (whole of Area South contract area): summer 2019
- Construction to facilitate the launch of tunnel boring machine (TBM) at West Ruislip undertaken in first two years
- South Ruislip Vent Shaft site establishment works may begin in Q1-Q2 2020.
- Preparatory works for TBM including utility protection and diversions awaiting detailed design (likely to be Q4 2019).

HS2 in South Ruislip

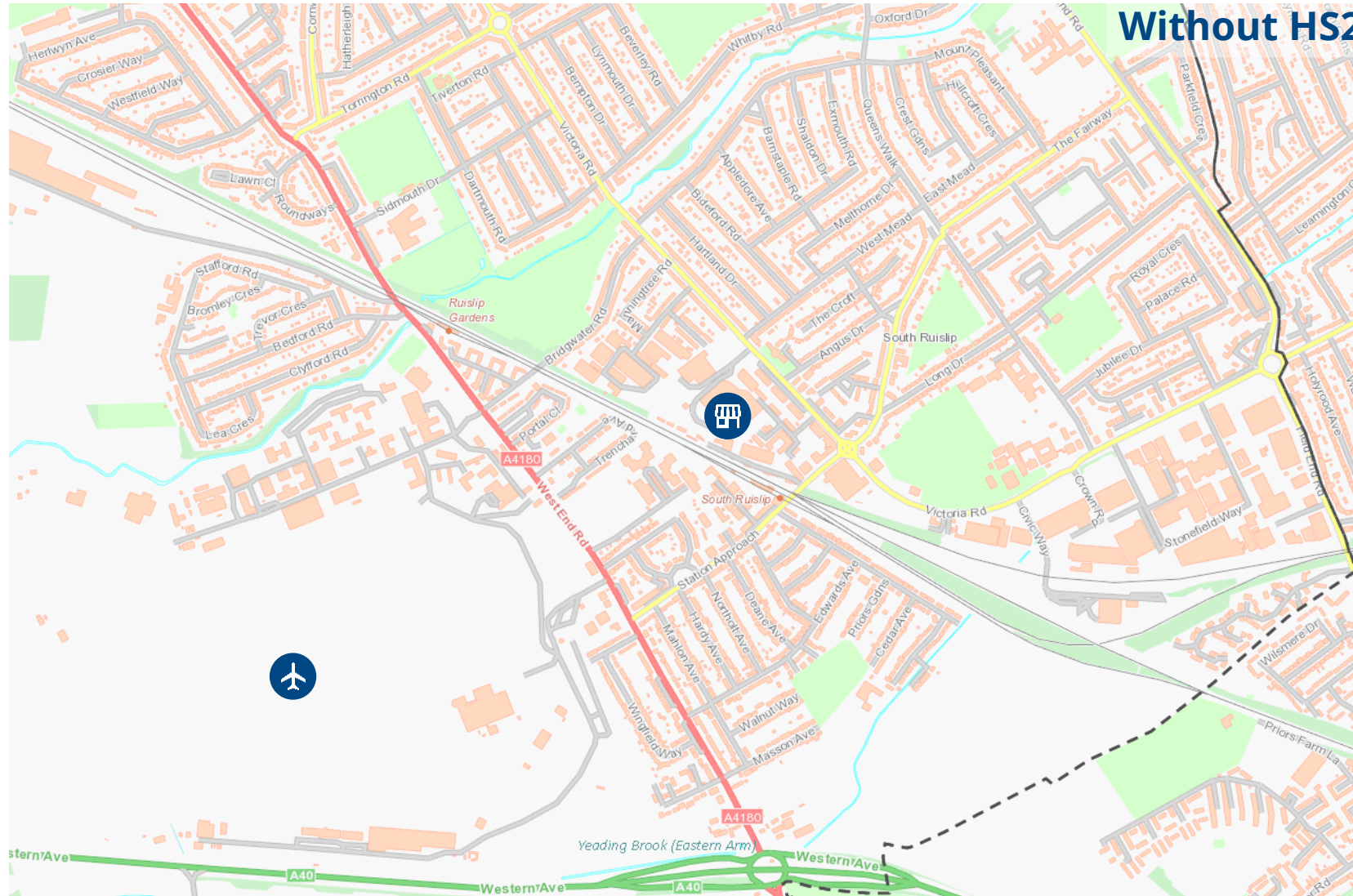
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HS2



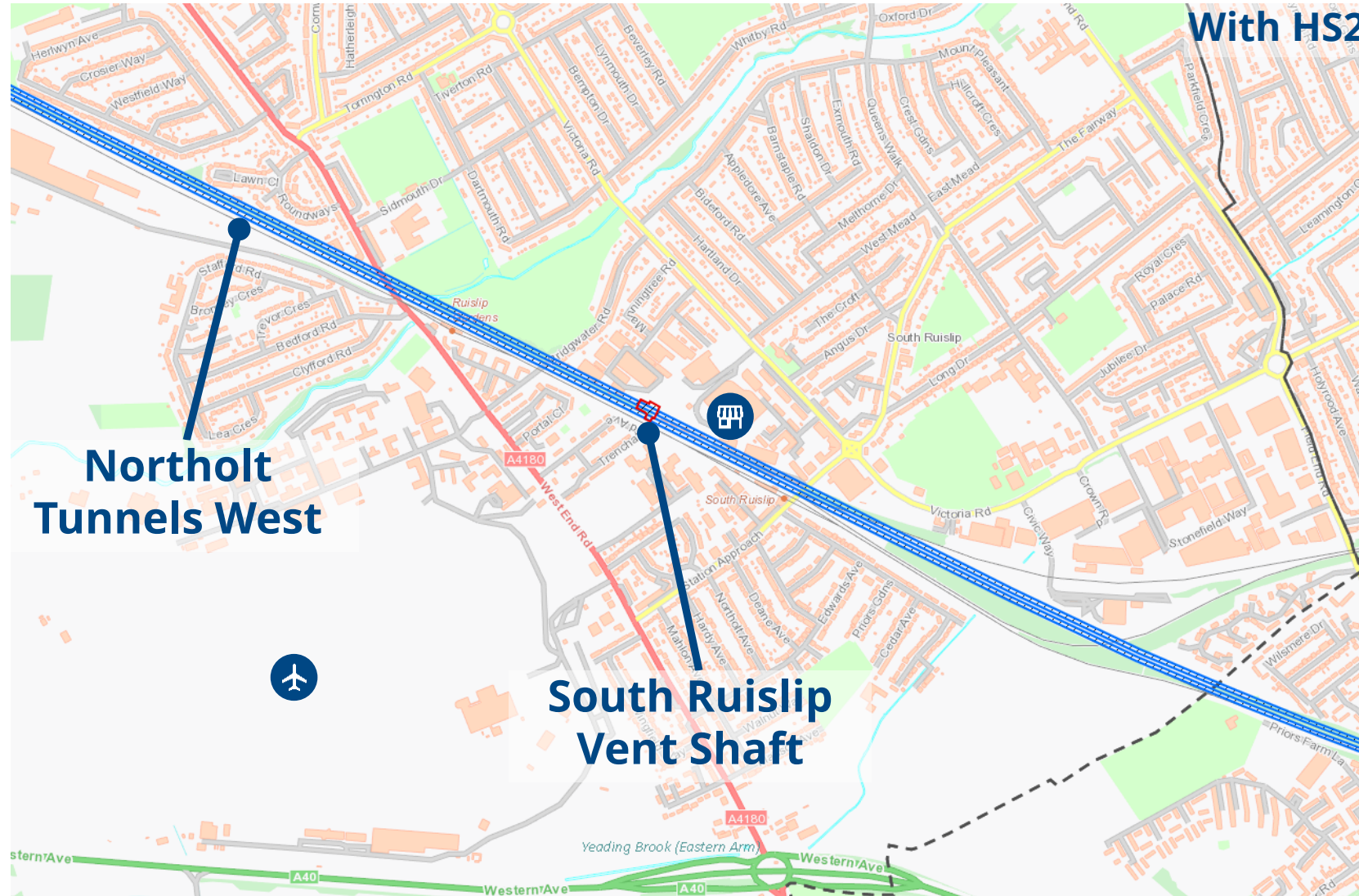
HS2 in South Ruislip

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Utility Protection / Diversion

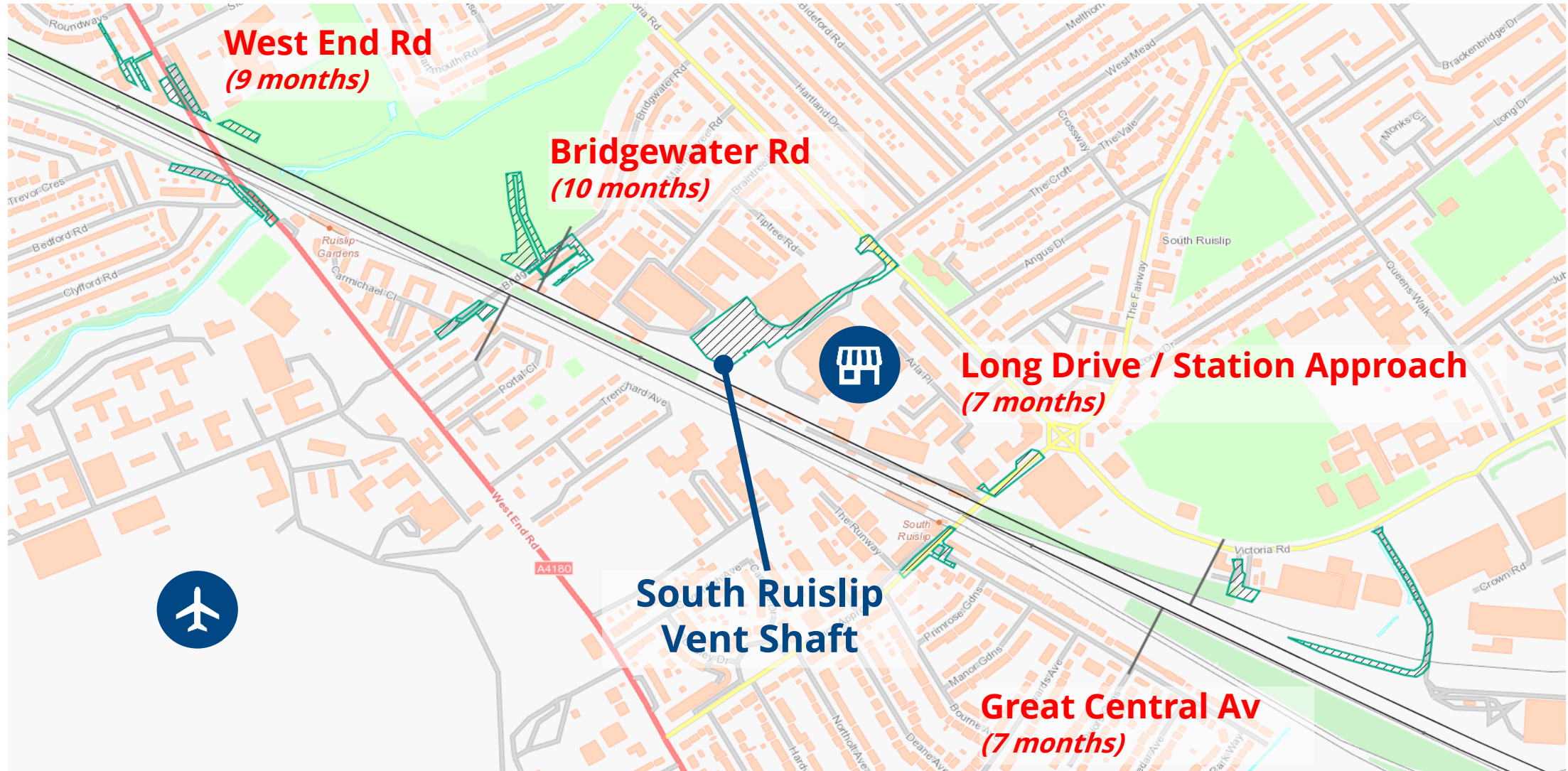
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Assurance to give due consideration to the below during detailed design, so far as reasonable practicable:

- *“Timing utility works to avoid seasonal peak periods of activity for schools or businesses, for example by carrying out works during school holidays or outside busy shopping periods;*
- *Timing any particularly disruptive short term activities to avoid hours of peak activity for schools or businesses;*
- *Co-ordinating any separate elements of the utility works on any particular relevant road;*
- *Phasing utility works so as to minimise the overall impact due to associated traffic restrictions in the area; and*
- *Taking into account other construction activities relating to the Proposed Scheme in the vicinity of the utility works, such as those at the West Ruislip portal satellite compound and the South Ruislip vent shaft main compound, so as to minimise the overall amount of traffic disruption associated with the Proposed Scheme in the Ruislip area”.*

South Ruislip Vent Shaft

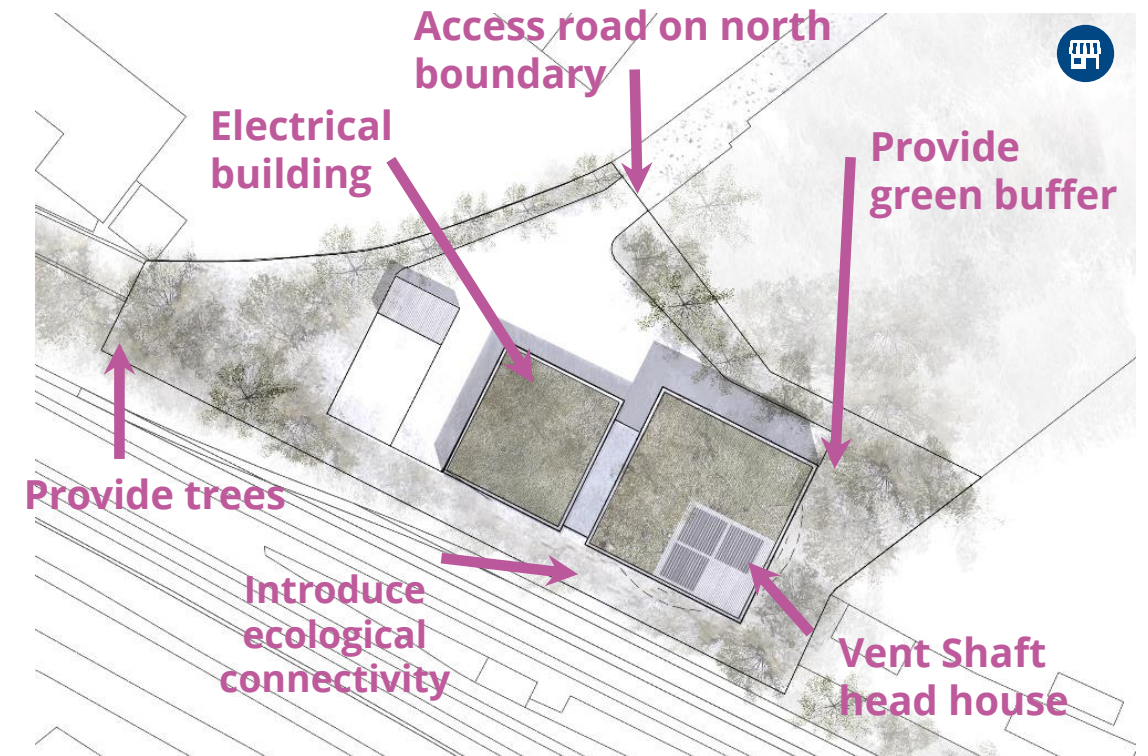
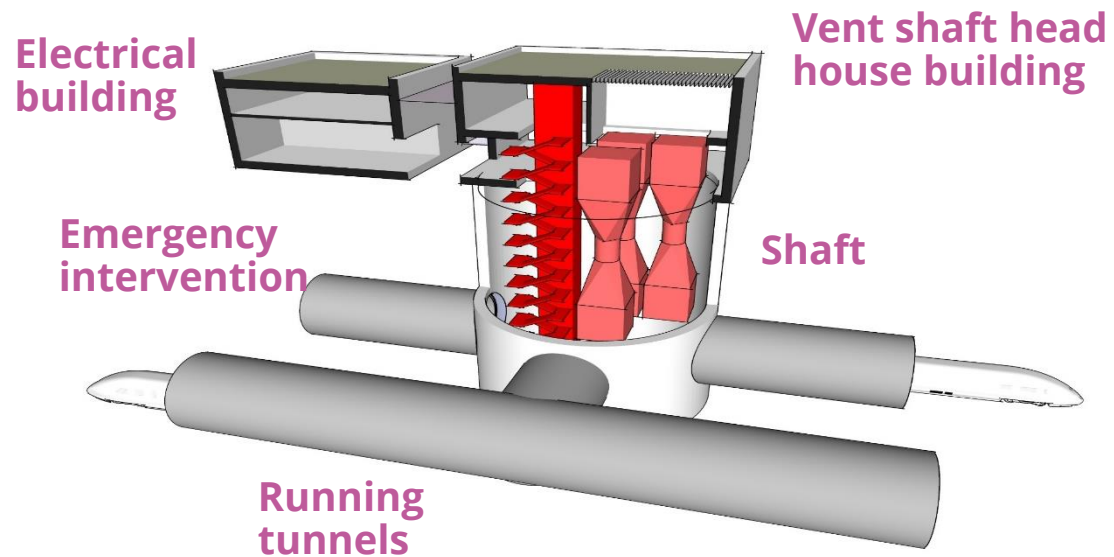
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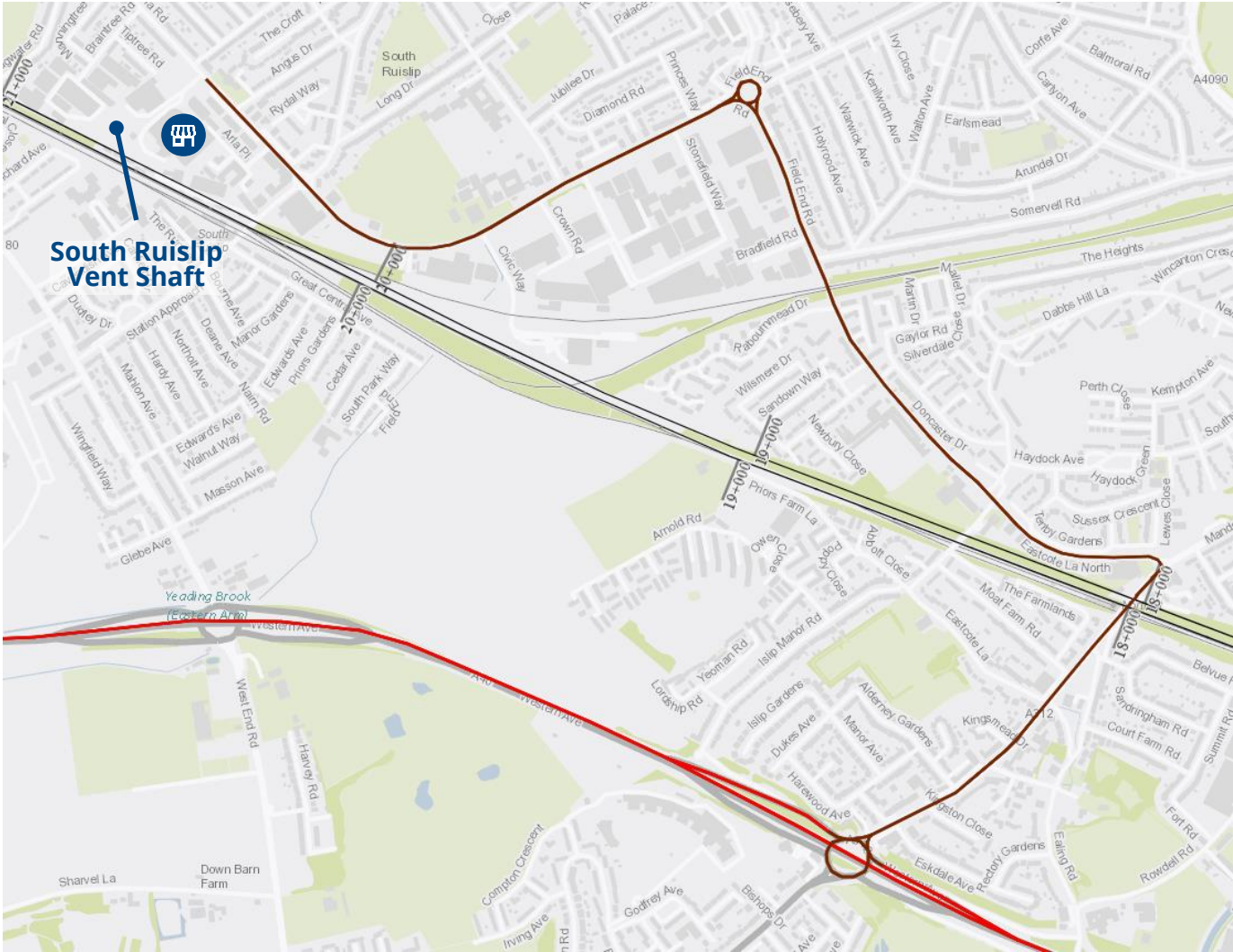
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HGV Routes



Thank you
Any questions?

