

# Community Liaison Group (CLG)

South – meeting 2

Monday 12 October 26

## Welcome & Introductions



## LTC progress update

Highways Bill introduced to Parliament in September – it will follow normal Parliamentary process and be subject to scrutiny by the House of Commons and the House of Lords.

New Civil Engineer (NCE) produced report on project's carbon pathfinder journey

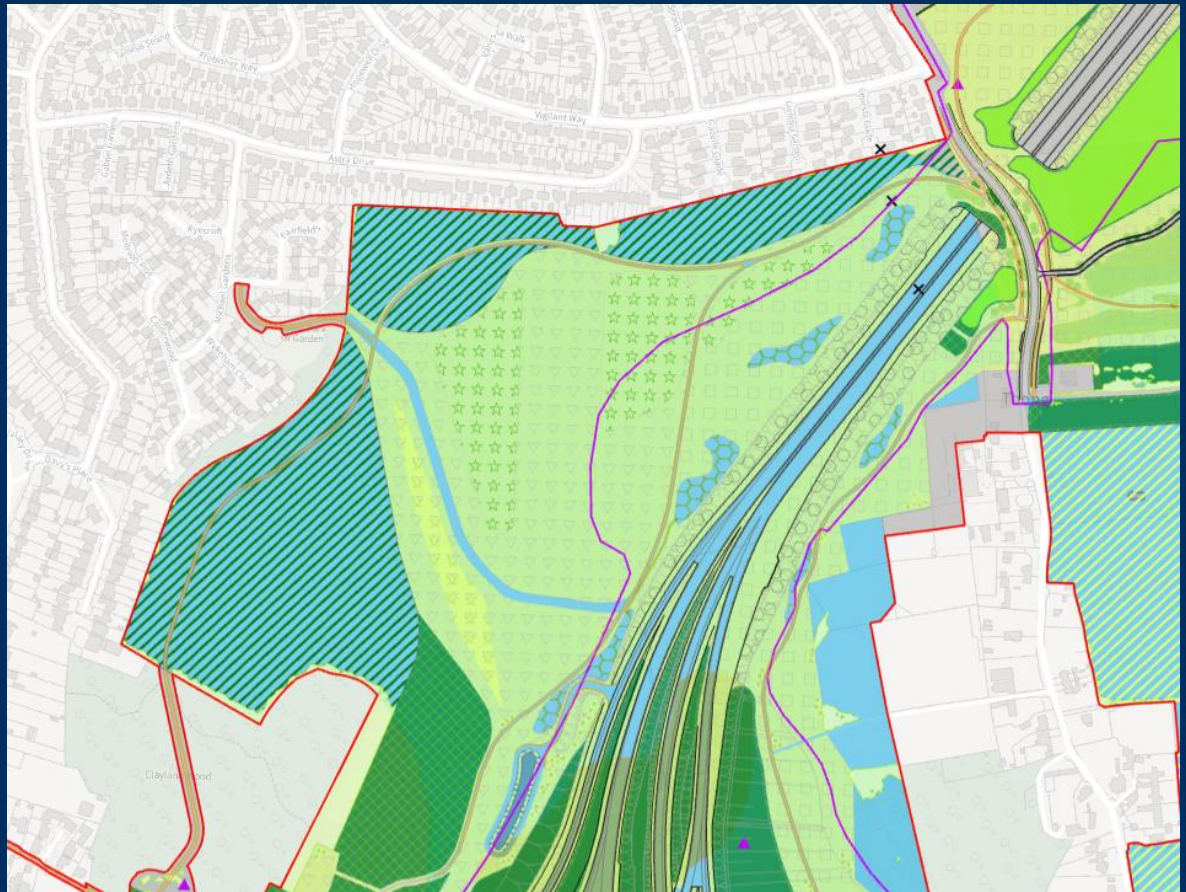


## Early tree planting

### Action 16

**Status of early tree planting plans as part of local mitigation around A2 site boundary.**

- Environmental mitigation works to create a site for ancient woodland planting is planned in this area (dark green hashed)
- Planting will aim to provide environmental benefits without unnecessarily blocking views or creating overshadowing for residents
- Options of using soil translocation and natural regeneration of the woodland or replacement planting
- Ancient woodland soil translocation starting soon in some locations (slide 12), including planting root balls from Claylane Wood.
- Some tree planting may follow, likely after NGT work.

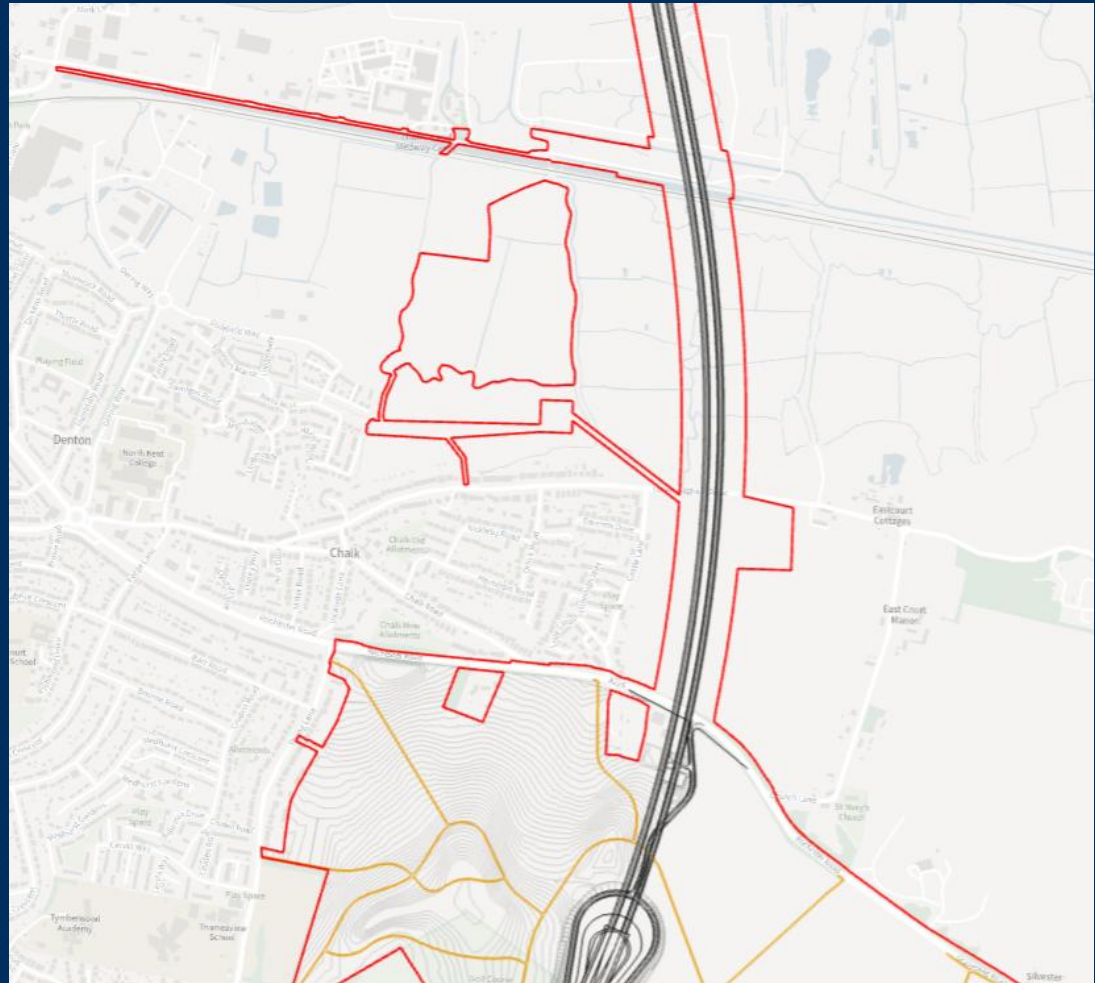


## Work near Chalk

### Action 28

**BMJV to provide more information on work near Chalk, including natural drainage and how they will be protecting the Ramsar site.**

Alternative design and build methods have negated the need for the strengthening tunnel (via a specialist TBM), as such there are no current plans to complete any works north of the A226.

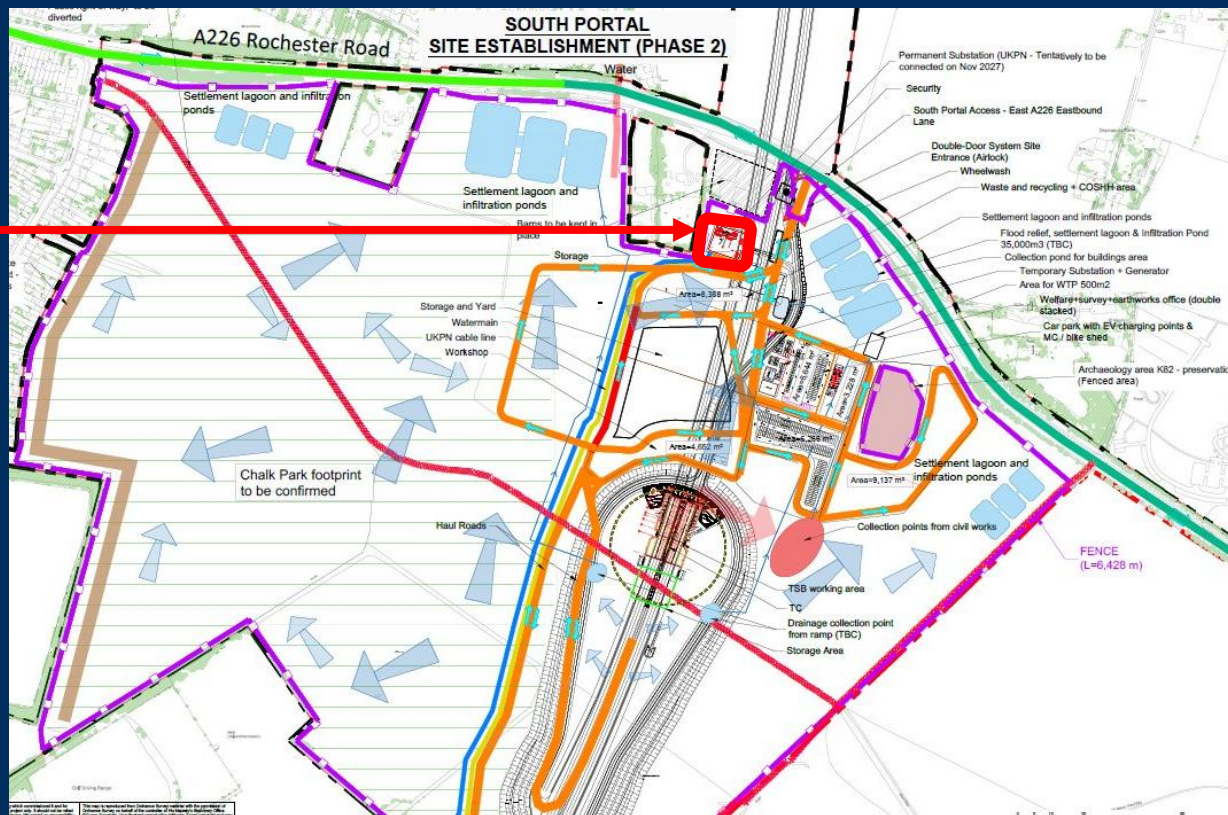


# Power supply

## Action 35

**BMjv to provide information on power supply routes and location of substations.**

Power supply routes and location of substations



# Chalk Park and landowner land

## Action 36

Chalk Park – pink  
Back to landowner - green

### DCO Boundary



DR3.3 Order Limits (Rev 7) - DCO  
Application (Deadline 7)

### Post DCO Land Plans Plots



Permanent Acquisition of Land



Permanent Acquisition of Subsoil and Rights



Permanent Acquisition of Subsoil and Rights and Temporary Possession of Land at Surface



Temporary Possession of Land



Temporary Possession of Land and Permanent Acquisition of Rights

### Route Alignment

#### Route Alignment

#### Symbology For Current Alignment



NMU Route



Road Markings (Solid)



Route Alignment

#### Alignment Earthworks

#### Symbology For Current Alignment



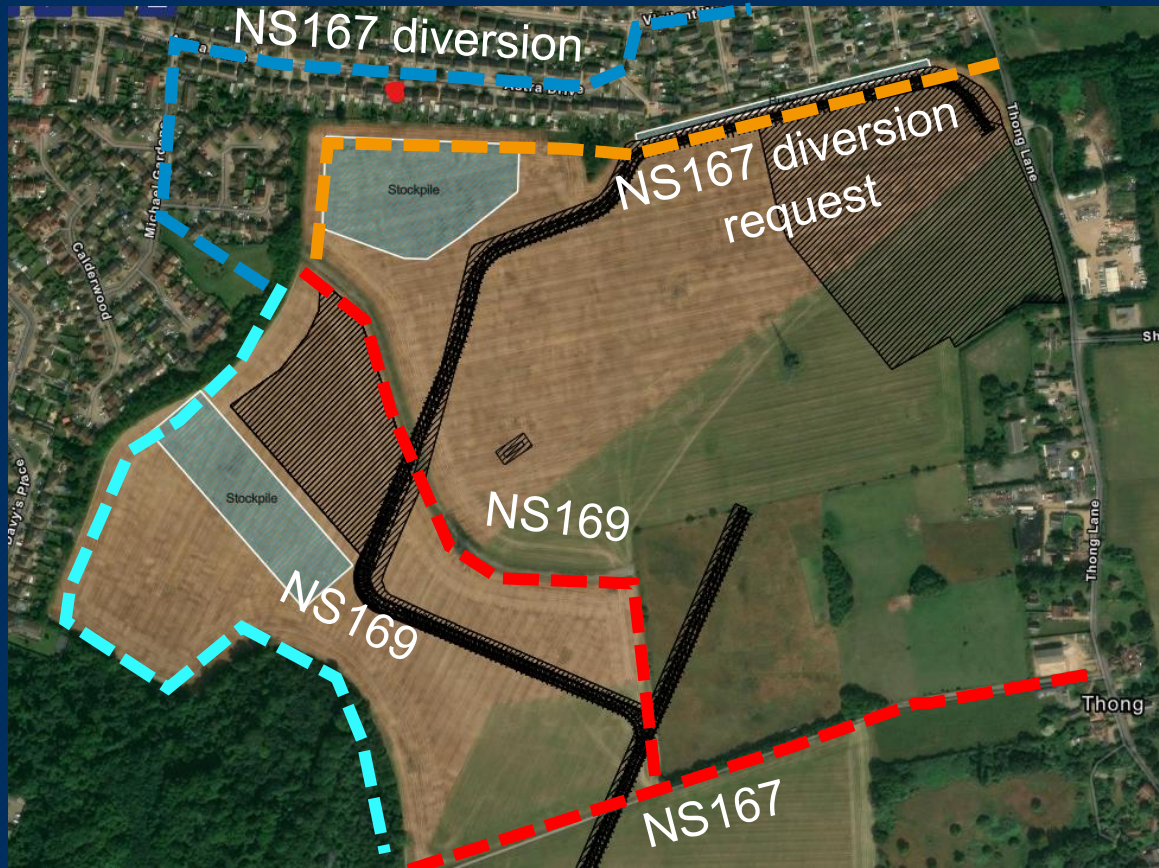
Earthworks

## Diversion of NS167

### Action 58

**NS167 diversion around northern of site with better access to Shorne Woods Country Park?**

- NGT site constraints now, but will continue to explore after this work
- For now, alternative diversion via NCN 177 being proposed



# Site lighting

## Action 63

**Skanska and BMJV to provide more information on site lighting at future meeting.**

Site Lighting Strategies under development to comply with:

- Institute of Lighting Professionals Guidance Notes (GN01/20)
- BS 5489-1:2020 Road Lighting Code of Practice

### **Key Lighting Principles**

- Lighting provided to ensure site safety, working conditions and security
- Boundary and public route lighting provided where necessary
- Measures taken to prevent shadows on footpaths, roads, and amenity areas
- Motion sensor lighting used where appropriate to reduce unnecessary use
- Lighting directed to minimise impacts on nearby residents, wildlife, motorists, and rail/marine operations
- Lighting designed to protect sensitive ecological habitats, including bridleways and tree lines
- Luminaire aiming angles restricted to a maximum of 70° from vertical

## Recent community concerns

### **Vibration**

Vibro roller used for haul road works with monitoring in place. Alternative methods are being explored, and a pre-condition survey provider is being brought in to protect residents.

### **Dust**

Exceptionally warm, dry conditions increased dust risks. Monitoring and suppression were enhanced, with some works paused following alerts. Further improvements are being reviewed, including permanent water supplies to reduce restrictions next summer.

### **Thong Lane plant crossing (LTC traffic lights)**

Issues identified with signal phasing.

### **Trees dying and ponds drying up at LEOT**

Trees were watered, but some ponds dried out due to dry conditions and water shortages. Ponds are expected to be refilled within the next month.

### **Cycle access along A2**

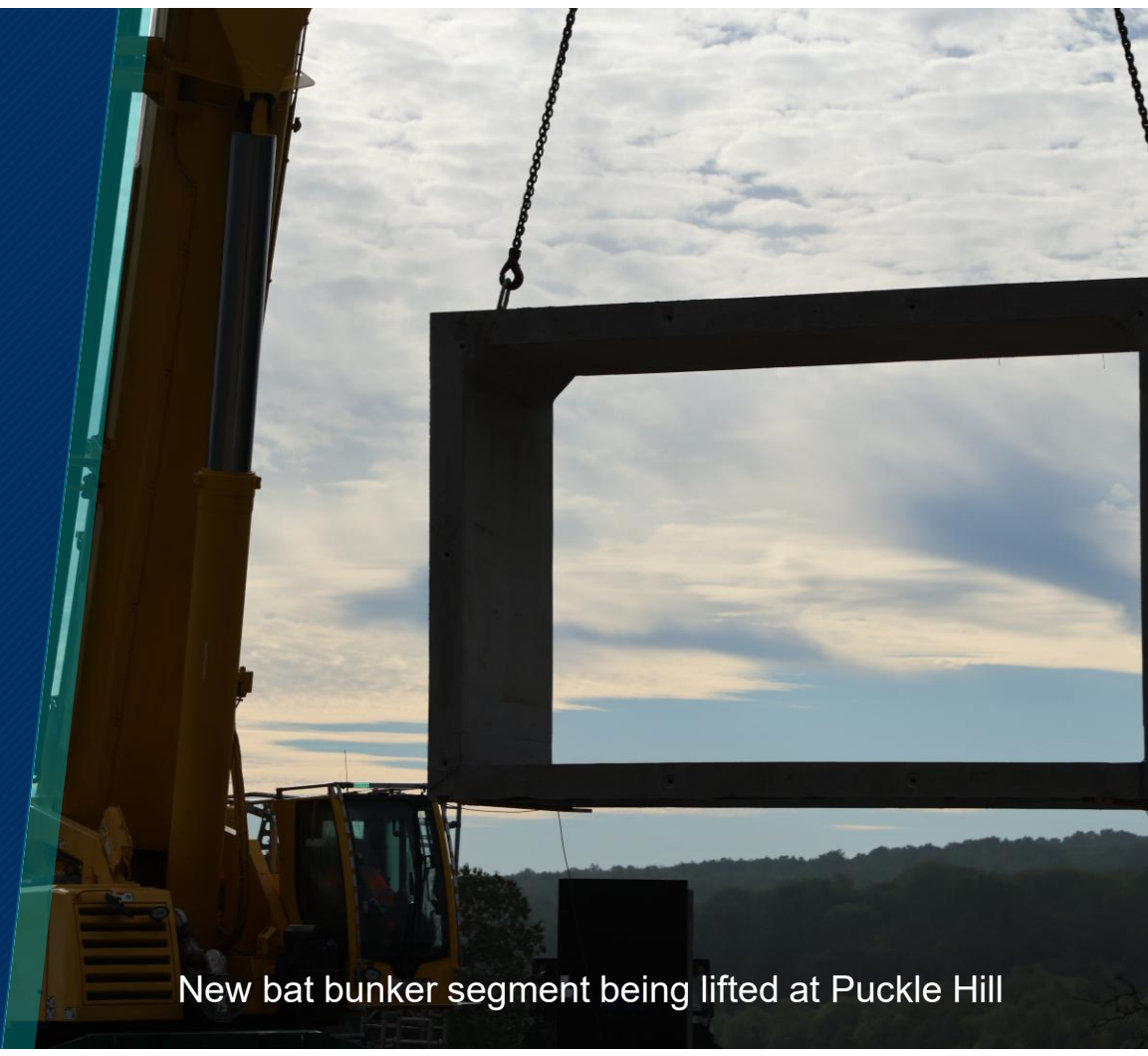
Chicanes installed to slow cyclists did not accommodate wider handlebars or adapted cycles. They have been removed and an alternative solution will be introduced.

### **HGVs on Thong Lane**

Increased HGV activity on Thong Lane relates to the Cascades redevelopment rather than LTC works.

# Kent Roads

Skanska



New bat bunker segment being lifted at Puckle Hill

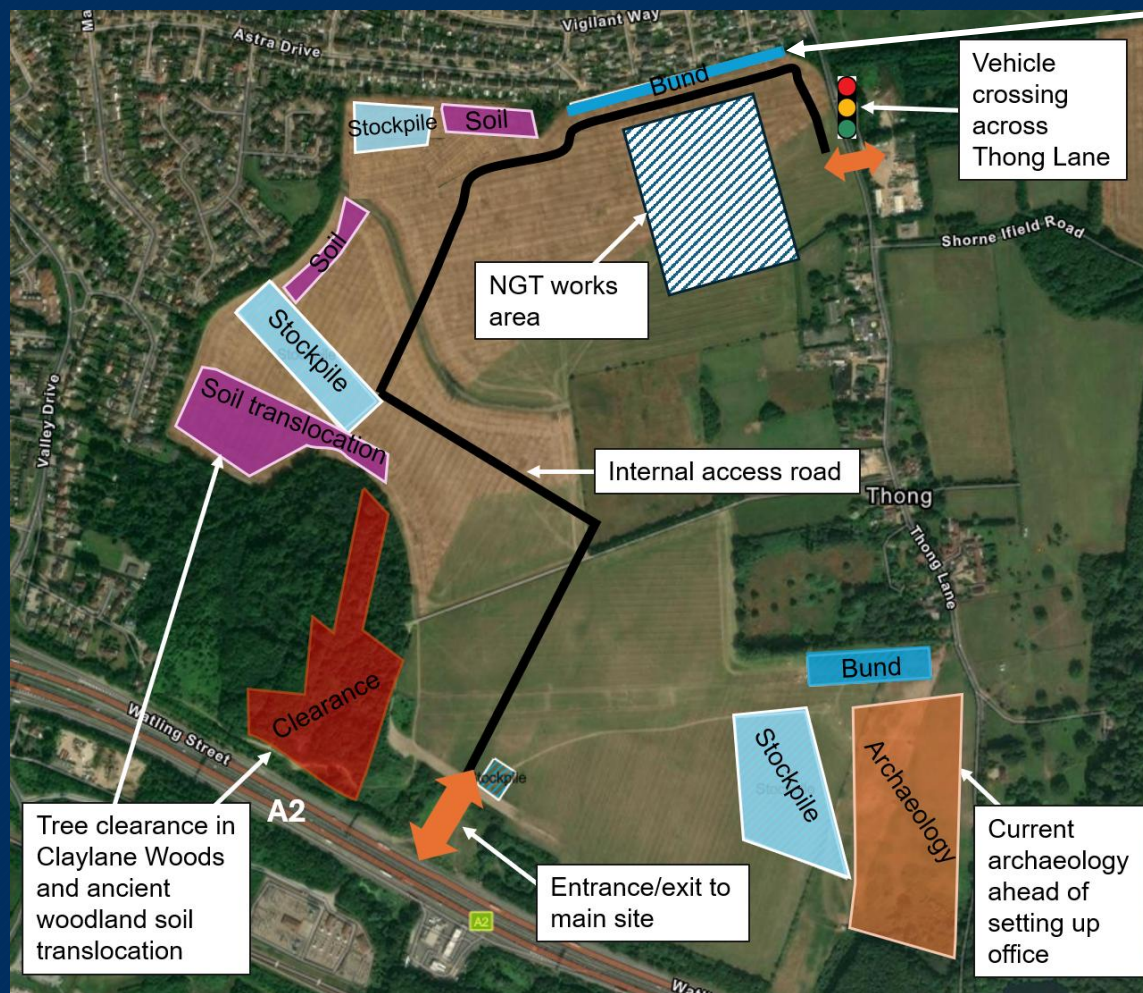
## A2 site progress

- Access road complete
- Borehole surveys ongoing on site and on A2 (into 2027)
- Continued archaeology across the site (ongoing into 2027)
- Mitigation bunds gone in and started stockpiles



## A2 site map

- Site compound / offices going in from spring 2027
- Vegetation and tree clearance is Claylane Woods starting soon



## Archaeology on A2 site

- Evidence of occupation from the Late Iron Age to the Medieval period
- The area around Watling Street (A2), a major Roman Road, was historically farmed for thousands of years with scattered settlements
- Archaeologists previously discovered a Late Iron Age settlement near Thong, occupied into the Roman period
- Found Sunken Floor Building (SFB) - widely found across early medieval Northern Europe and Anglo-Saxon England



## Zero emission plant

Two hydrogen excavators, one tractor and one dumper, including charging facilities on site



Hydrogen charging facility on site



Two excavators – to be named by Thamesview School

## NGT - progress since July

### National Gas Transmission (NGT) West (on A2 site)

- NGT started on site
- Early ground prep started for NGT shafts launch sites



### NGT East (between Thong and A226)

- Completed temporary site access on A226
- Archaeology ongoing

## NGT look ahead

- Large plant deliveries, such as cranes, and materials such as shaft segments
- Shaft construction this year
- Tunnelling from winter 27
- NGT East pipework from spring 27

### Working hours

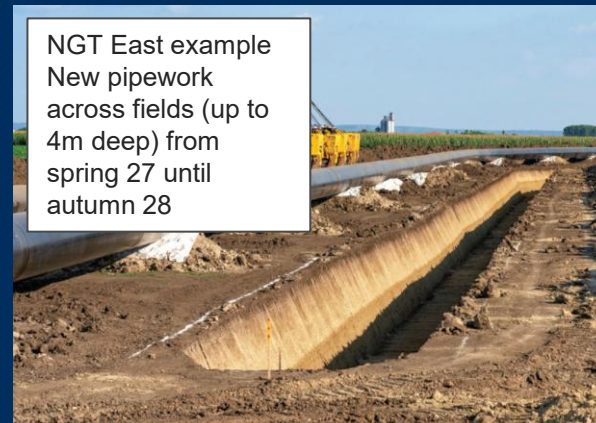
- Extended working hours possible for completion of works, such as concrete pours
- 24hr working possible for building small tunnels belowground and testing and commissioning of pipeline

### Mitigation

- Screening bunds, generators away from residential properties, appropriate lighting possible during 24hrs working (more info to follow)

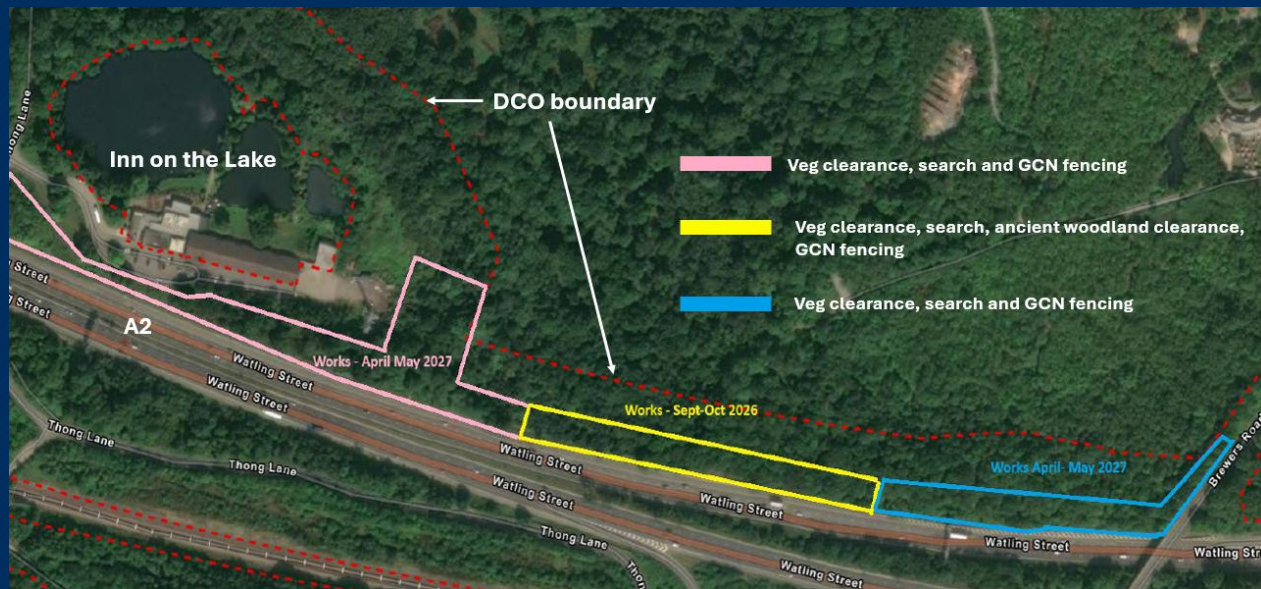
### Community engagement

- Update letter going out this week to residents
- Monthly drop-ins
- Options for NGT follow-up meeting



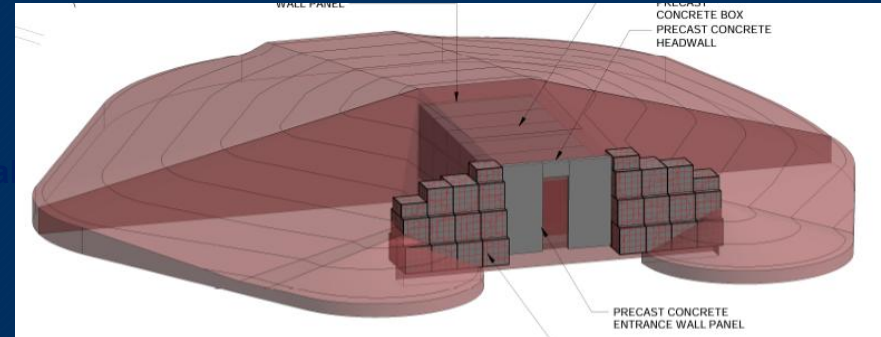
## Early work for SGN diversion - A2/Shorne Wds Country Park

- Vegetation and tree clearance to be complete this month
- GCN fencing installed
- Translocation of ancient woodland soil next between now and December (to Puckle Hill off Brewers Rd)
- Archaeology in new year and pink / blue veg clearance to start
- SGN due to start from summer/autumn 27

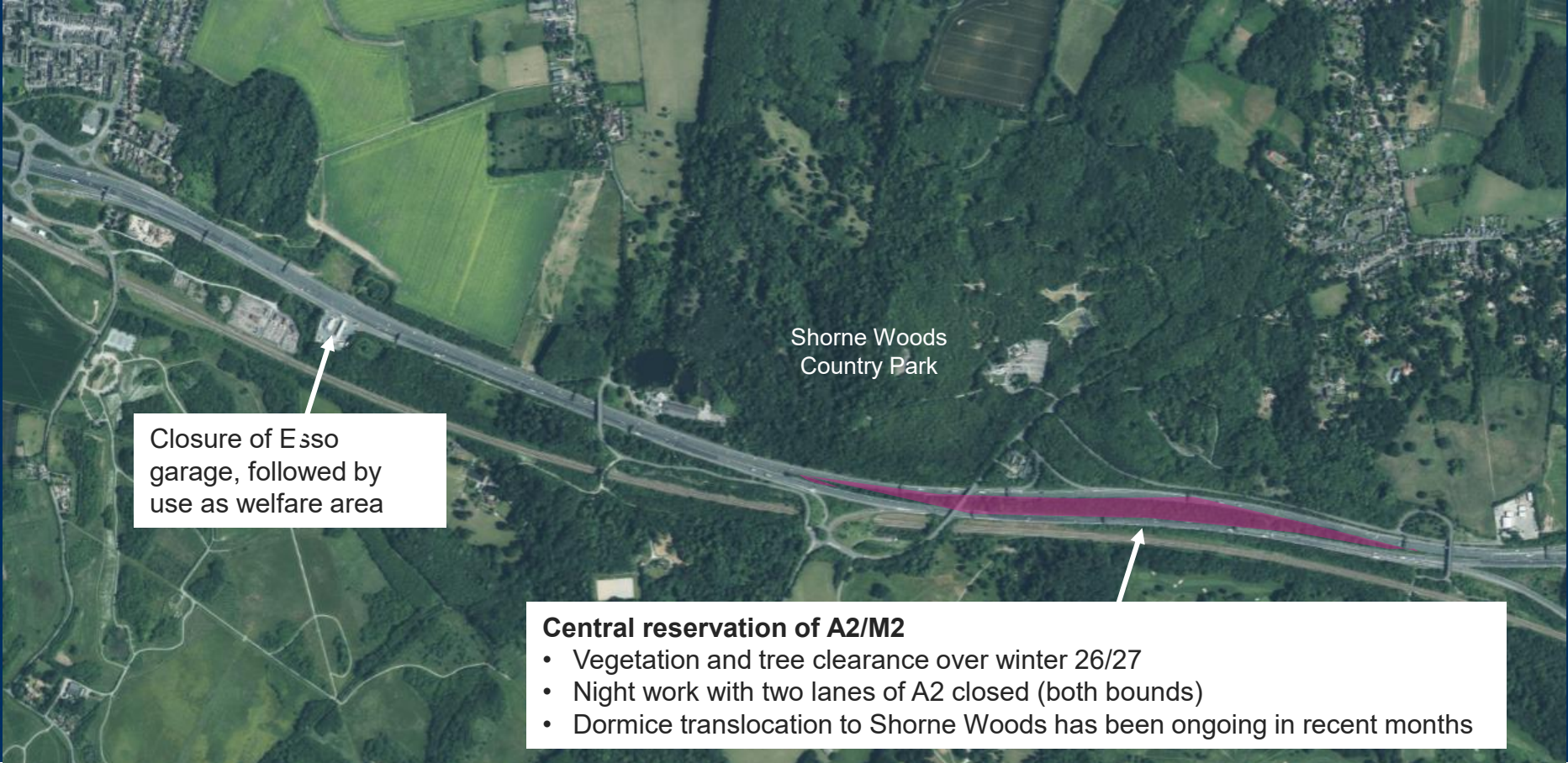


## Park Pale bat bunker relocation – SGN mitigation

- Bank bunker structure in progress
- Started digging ponds and landscaping
- Works due to be finished by early 27



## Upcoming work locations



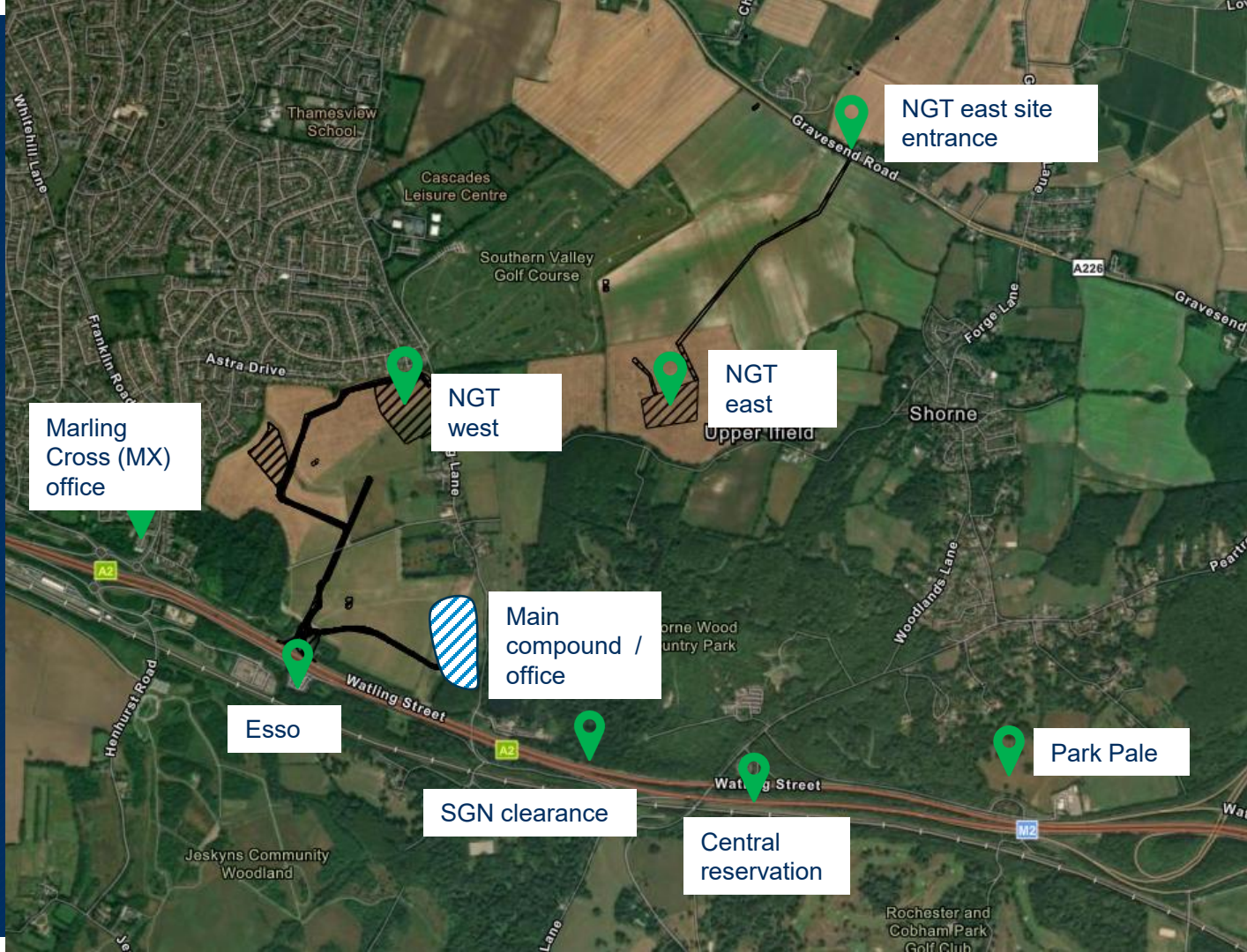
Closure of Esso garage, followed by use as welfare area

Shorne Woods  
Country Park

### Central reservation of A2/M2

- Vegetation and tree clearance over winter 26/27
- Night work with two lanes of A2 closed (both bounds)
- Dormice translocation to Shorne Woods has been ongoing in recent months

# All existing and upcoming work locations



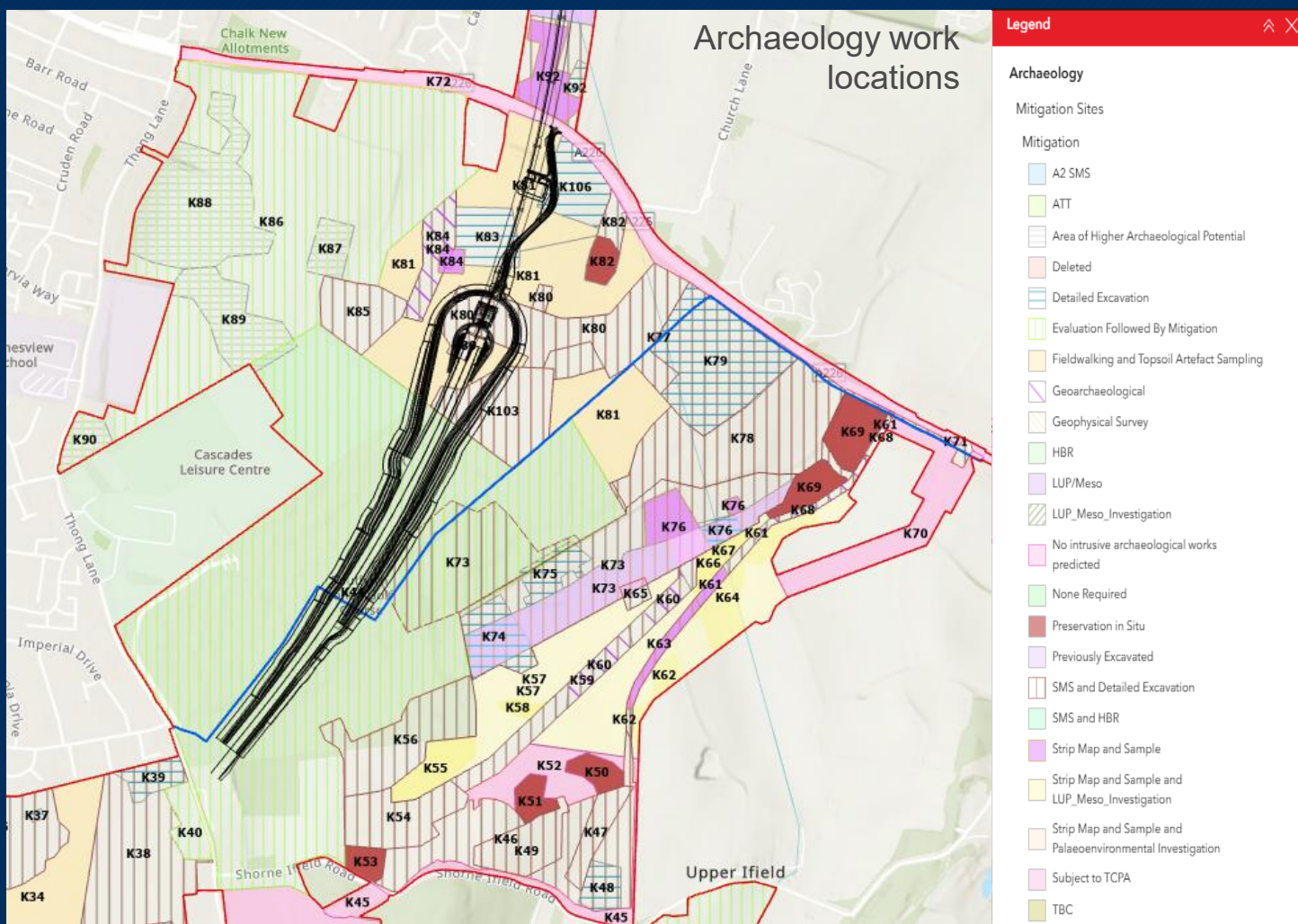
# Tunnels & Approaches

Bouygues Murphy JV  
(BMJV)



# Site update

- Archaeology site walks (K81 completed)
- Archaeology contractor pending
- Fencing contractor pending

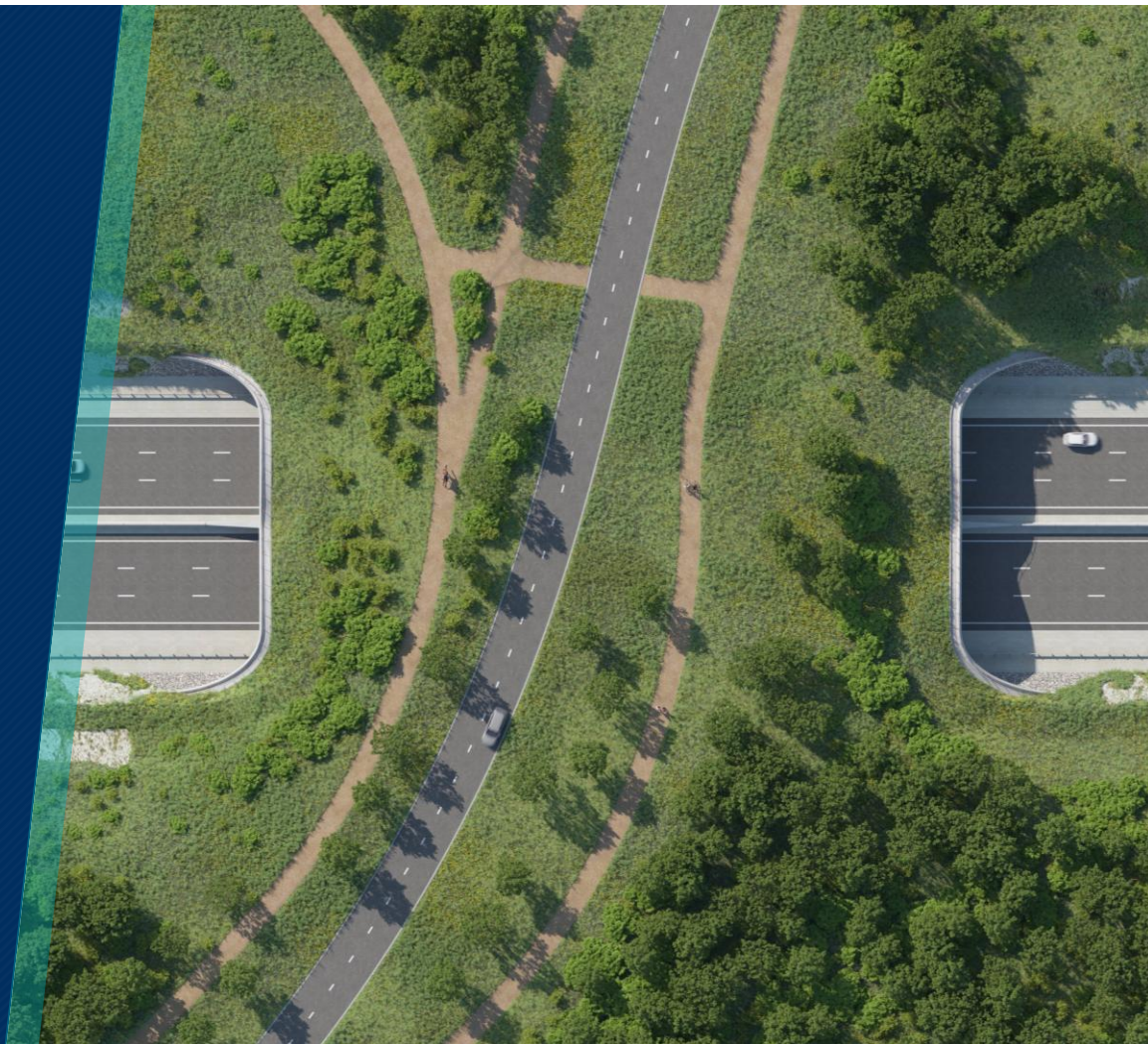


## 6 month look ahead

- Topsoil artifact sampling, 105 test pits. Test pit measuring 50cmx50cm – now until late 26
- Plans from early January
  - More in-depth archaeological digging (until late 27)
  - A226 vehicle access (bellmouth) and haul road
  - Hardstanding for site office and car park
  - Delivery of 20 modular site office units

# Joint updates

Skanska and BMJV



## Logistics management

- Delivery bookings to ensure control over delivery volumes, timing, and routing compliance
- Vehicle Management Systems - live tracking establishment in progress across supply chain
- Automatic Number Plate Recognition (ANPR)
- Supply Chain compliance and monitoring
- Internal haul roads and access management, including 5mph speed limit on site for HGVs
- Driver briefing packs for permitted routes
- Consequences for route deviation from drivers
- Design commitment to reduce vehicles movements but re-using as much soil on site as possible



- Main A2 / NGT West route via A2 and Gravesend East sliproad
- Main compound secondary route via southern section of Thong Lane to Brewers Road
- Park Pale via Cobham and Shorne turn off A2
- Esso via existing A2 turnoff
- SGN via A2 hard shoulder closure
- Marling Cross (MX) office with no right turn on exit

Occasional use of  
Thong Lane for JCB  
travelling from A2  
site to Park Pale

## A2 site / NGT West

## MX office

### Southern tunnel entrance

## NGT East

**SNG**

## Park Pale

- A226 used now for NGT East and tunnel site from next year
- NGT East has safety concerns for right turn when vehicle leave
- Traffic lights to go in 2027 for Southern tunnel entrance (right turn only)
- Consideration for speed reduction on A226

- Plant crossing over Thong Lane for NGT work
- No traffic via Thong village

## Use of A226 - NGT East

### Current phase of work – now and spring 27

- Archaeology work and NGT site set up by Skanska
- HGV numbers increasing for NGT East of around 50 HGVs per day between now and Christmas – around one every 15 mins on average (x4 per hour)

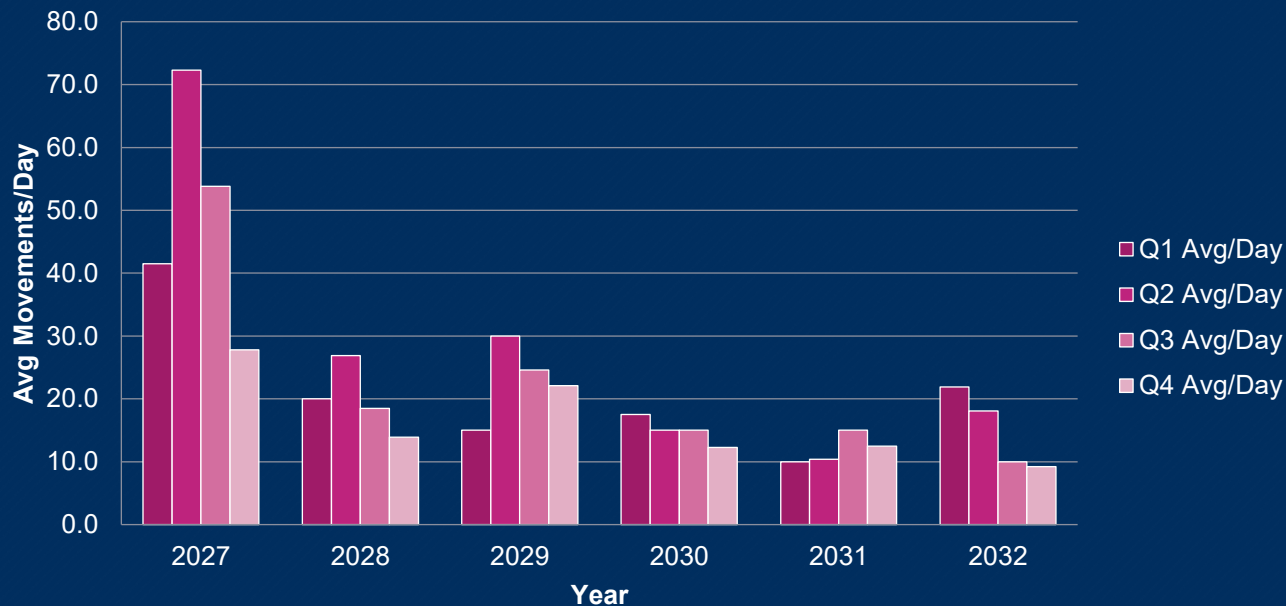
### From spring 27

- Start of NGT work, including trenches and pipeline install
- Some large deliveries expected including wide and long loads, including for pipework
- Minimal movements expected after set up, including no soil to be taken away from site

## Use of A226 – Southern tunnel entrance site

- Peak of about 3 months of HGV numbers at just over 70 per day – around one every 10 mins on average
- Overall average across the full programme is one HGV every 30 mins

### Tunnels quarterly estimated HGVs numbers (Southern tunnel entrance site)



# Impacts to Public Rights of Way

## Southern tunnel entrance site

- NG7 closure from spring 27
- NG8 closure planned later in 27

## NGT east – summer 26 to late 28

- Closure rotations for NG7/NS164 and NG9/NS165 - one open at a time
- Closure of section of NS163A
- Diversion of NS163A via Crown Lane

## A2 site compound / NGT west

- NS169/NS167 perm closures
- NS169 temp diversion
- Current temporary diversion of NS167
- Proposed new temporary diversion of NS167 via NCN 177

## Shorne Woods

- Access maintained for NC177

## Engagement and communications

### Monthly drops-ins at Cascades Leisure Centre

- Aug / Sept with c.25 attendees
- Sessions were well received.
- Attendance from Thong Ln, Astra Dr, Glenrosa Gds, Glenesta Gld, Michael Gds, Fairfields and Wykeham CIs.
- Key topics: tree planting, pylon relocation, vibration, structural surveys, dust control, stockpiles near homes, and maintenance of land between properties and the works area.

### Upcoming dates between 4:30pm to 6:30pm on;

- Wednesday 21 October
- Wednesday 18 November
- Tuesday 15 December
- Localised mailing list launching this month
- Two drop-in sessions from late October at Shorne Wds CP re local work
- Community roadshows for new year



# Community feedback – all

- What are the main issues that are impacting your communities at the moment?
- What are the upcoming issues?
- How can they be avoided, managed, or mitigated?
- What else should be considered to reduce the impact in the future?
- Feedback on information shared?
- Anything else?

