

Byng Hall Road, High Street and Yarmouth Road (B1438)

Ufford Medium Pressure Mains Replacement



What have we done following the engagement event?

Reviewed all comments following the engagement event. We recognise and apologise for the inconvenience that our initial proposal caused.

Trial holes identified ground conditions throughout and a lay route, negating the requirement to close the road.

Conducted a further assessment of the current route of the old gas main to assess methods of delivery and feasibility.

Held weekly meetings with Suffolk County Council (Network Assurance), discussing the scheme planning.

Engagement with Suffolk Transport to discuss the impact to Buses and the community

Engaged with Ufford Parish Council updating on our progress

Reviewed methods of engagement and communications and made process improvements.

Worked closely with Nest Construction to see how we can work collaboratively to deliver the works safely with minimal impact to the community.

Background

Our work is part of the government's 30-year-long gas mains replacement programme.

Health and Safety Executive investigation initiated the '30/30 Programme'

Replace all iron gas mains within 30m of a building within 30 years. Started 2002.

Existing medium pressure mains installed in the mid 1970s.

There have been 17 public reported gas escapes on Byng Hall Road where the current main is located.

Medium pressure 8" cast iron main.

This main feeds 3320 customers.



Original Proposal

B1438 to be closed under 3 Phases between Junction of Byng Hall Road and Old Main Road over 12 weeks (maximum)

2 Way Lights between Old Main Road and Loudham Hall Road
Multiple phases in 200m sections over 14 weeks.

Closure of Loudham Hall Lane for 3 weeks.

Road Closure Bynghall Road and 2 way lights on Main Road
over the A12 with the Northbound off slip road off the A12 closed
– 6 week duration.

Why did we need a Road Closure?

- Believed we were unable to maintain a safe working Zone for the team and members of public



New Proposal

Traffic Lights between Byng Hall Road and Loudham Hall Road - Multiple phases in 200m sections.

Open Cut Trench along B1438 between Junction of Byng Hall Road and Loudham Hall Lane. Working with Nest Construction between Spring Lane and their site entrance

Open Cut in Verge wherever possible

Closure of Loudham Hall Lane.

Road Closure Byng Hall Road

2 way lights on Main Road over the A12 with the Northbound off slip road off the A12 closed – 4 week duration.



Collaborative Working

Nest Construction have needed to conduct works within the highway to install a new sewer to connect to existing assets in Spring Lane

Their original proposal had been to close the road, irrespective of our works

We planned to work with them to minimise disruption to the community

Since the engagement event, our trial holes have assisted Nest Construction and helped them understand how they can also deliver their works.

As a result of this they have adjusted their designs.

We will be sharing a trench from opposite the junction of Spring Lane to the site entrance, with Cadent excavating and Nest Construction backfilling and reinstating.

We will move further up the road whilst Nest construct the manholes in the carriageway, ensuring continuous working. **Note - Nest Construction will still need to close Spring Lane at some point.**

Route Selection

Unable to replicate the lay route due to the following:

- Plant and equipment access
- Route across wooded area unstable
- Work in proximity to existing gas main high risk due to its condition.
- Majority of the existing Cast Iron Main resides within the public highway.

Phase Plan

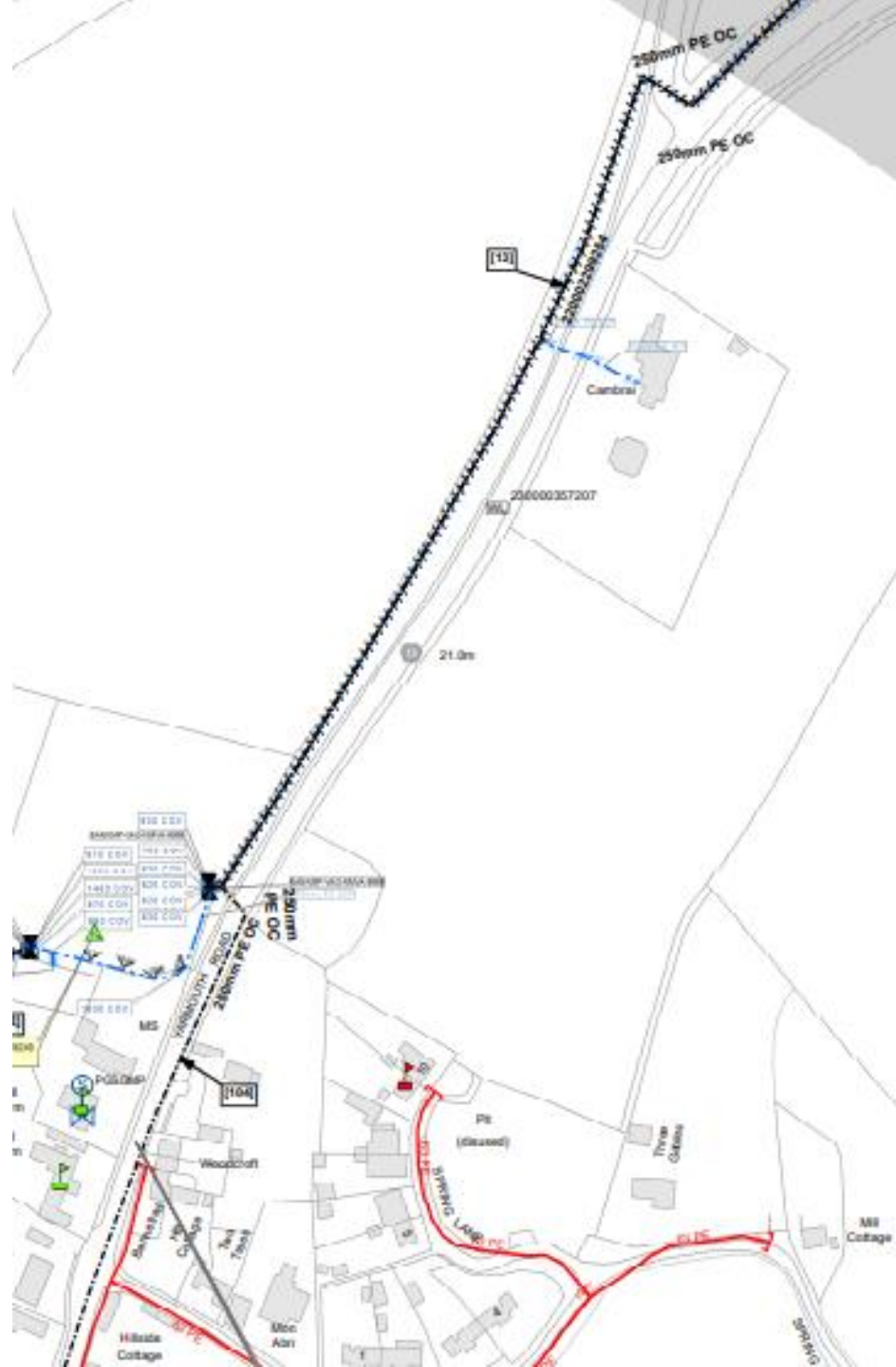


Phase 1

- Work in conjunction with Phase 2
- Collaborative Works
- 6 weeks 2 way lights
- 300m max length
- 690m open cut
- 9 services possibly
- Spring Lane – Old Main Road
- 29th July – 6th September

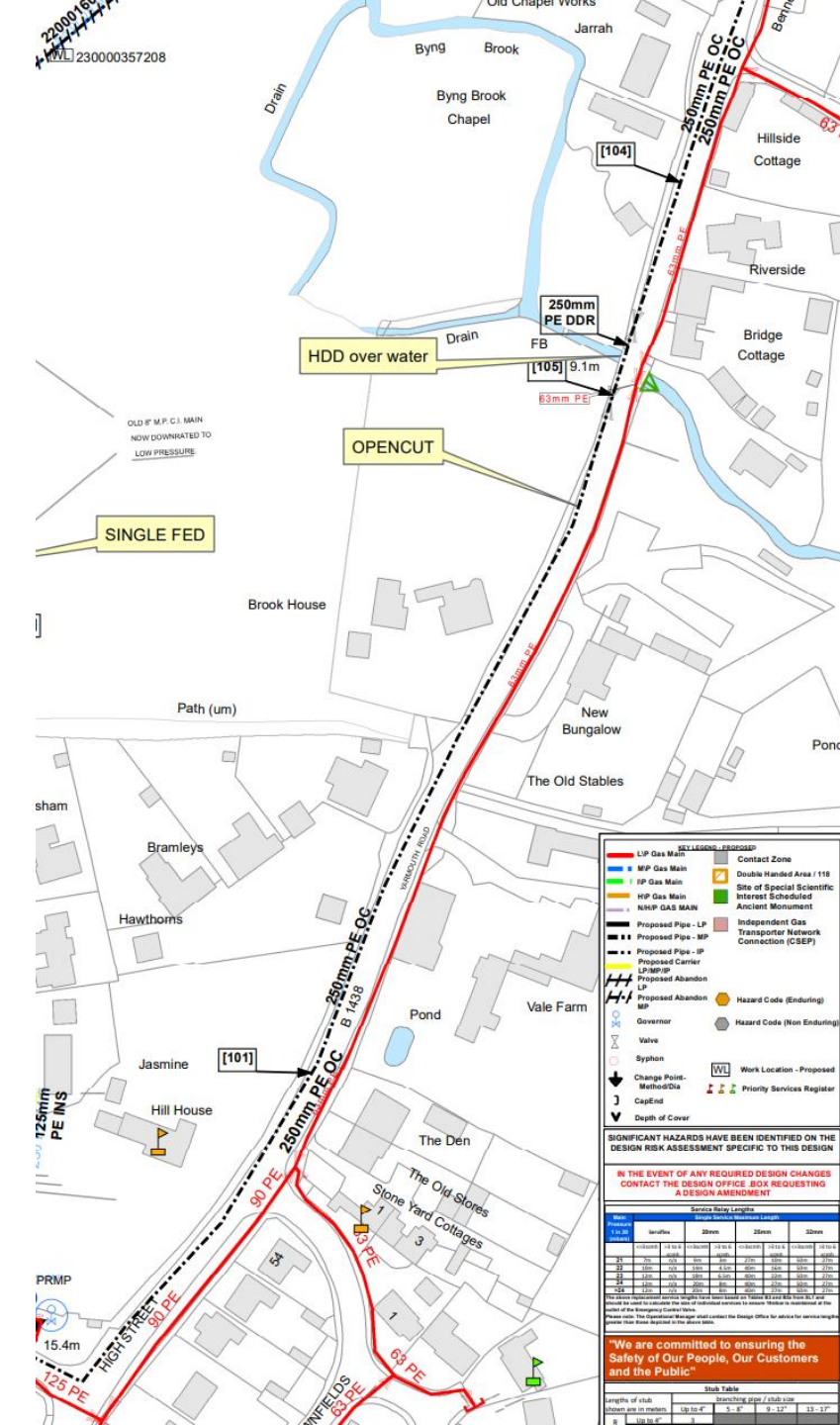
Phase 2

- 4 weeks (lights required to negotiate tree)
- 455m open cut Verge
- 3 services
- Loudham Hall Lane – A12 Flyover
- 29th July – 6th September



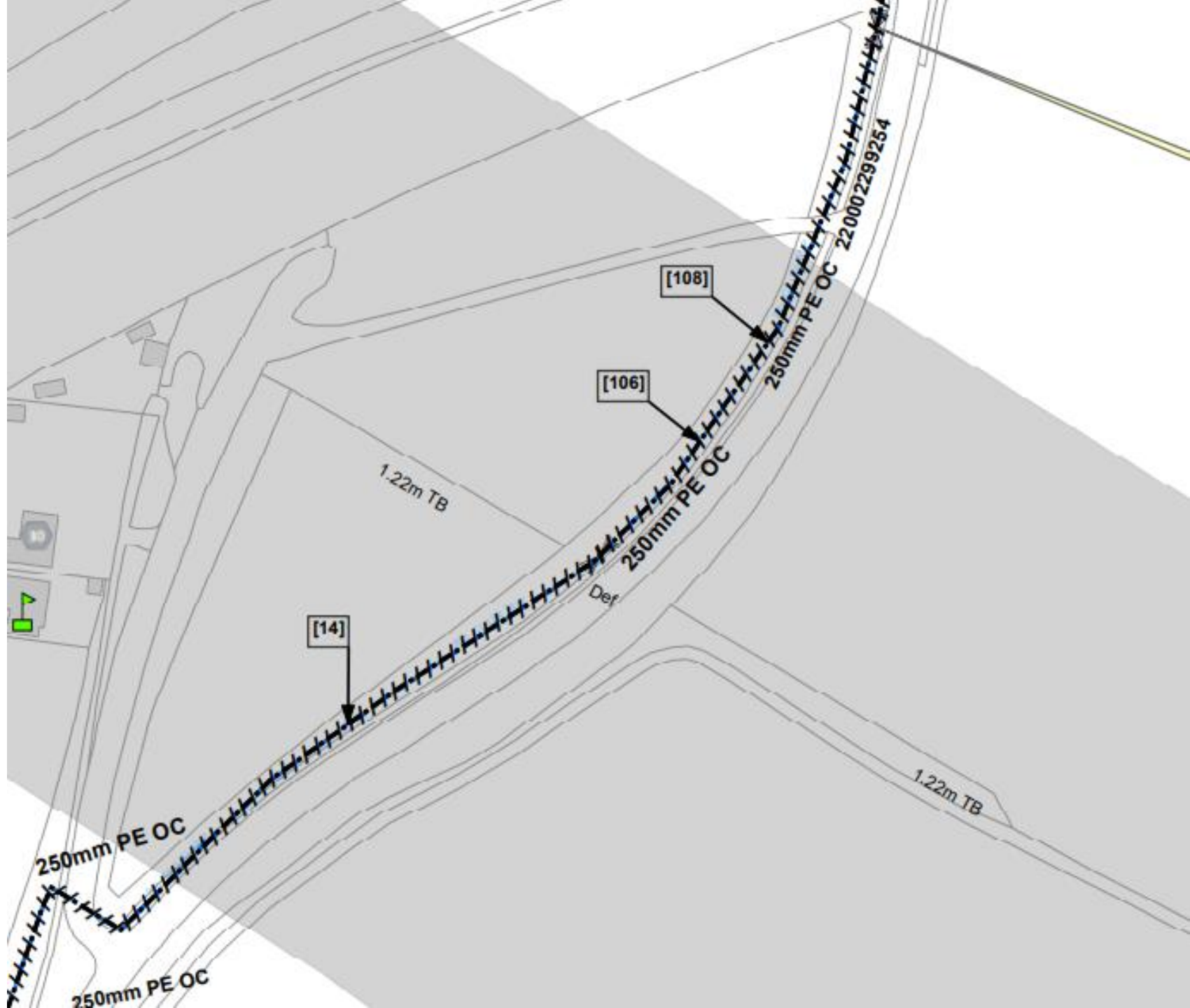
Phase 3

- 6 weeks 2 way lights
- Vegetation cut back - Out of Nesting Season
- 385m open cut
- HDD beneath brook
- 1 service
- Spring Lane – Byng Hall Rd
- 9th September – 18th October



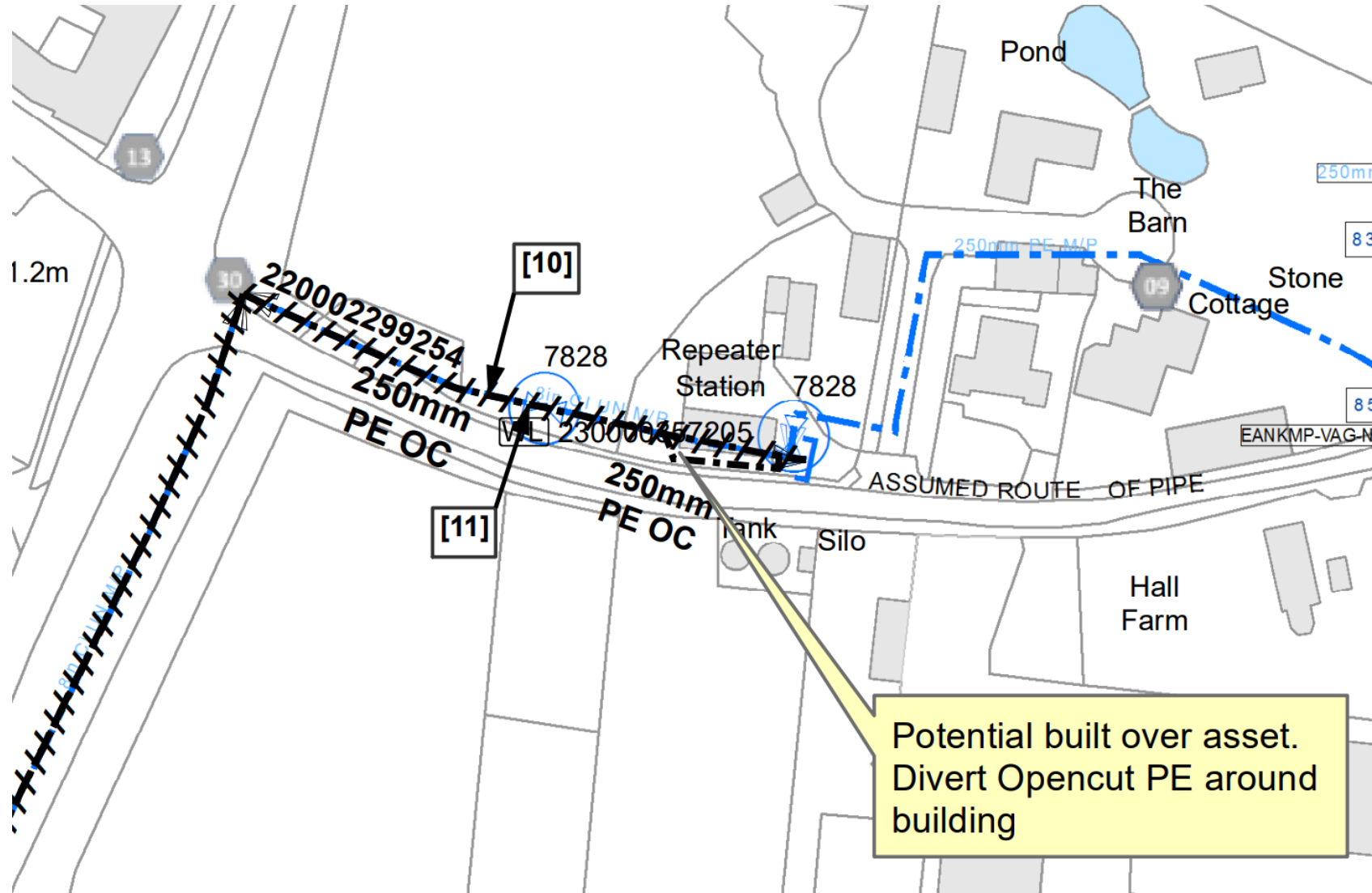
Phase 4

- 3 weeks 2 way lights
- 260m Open Cut
- No services
- 21st October – 8th November
- Old Main Rd – A12 Flyover



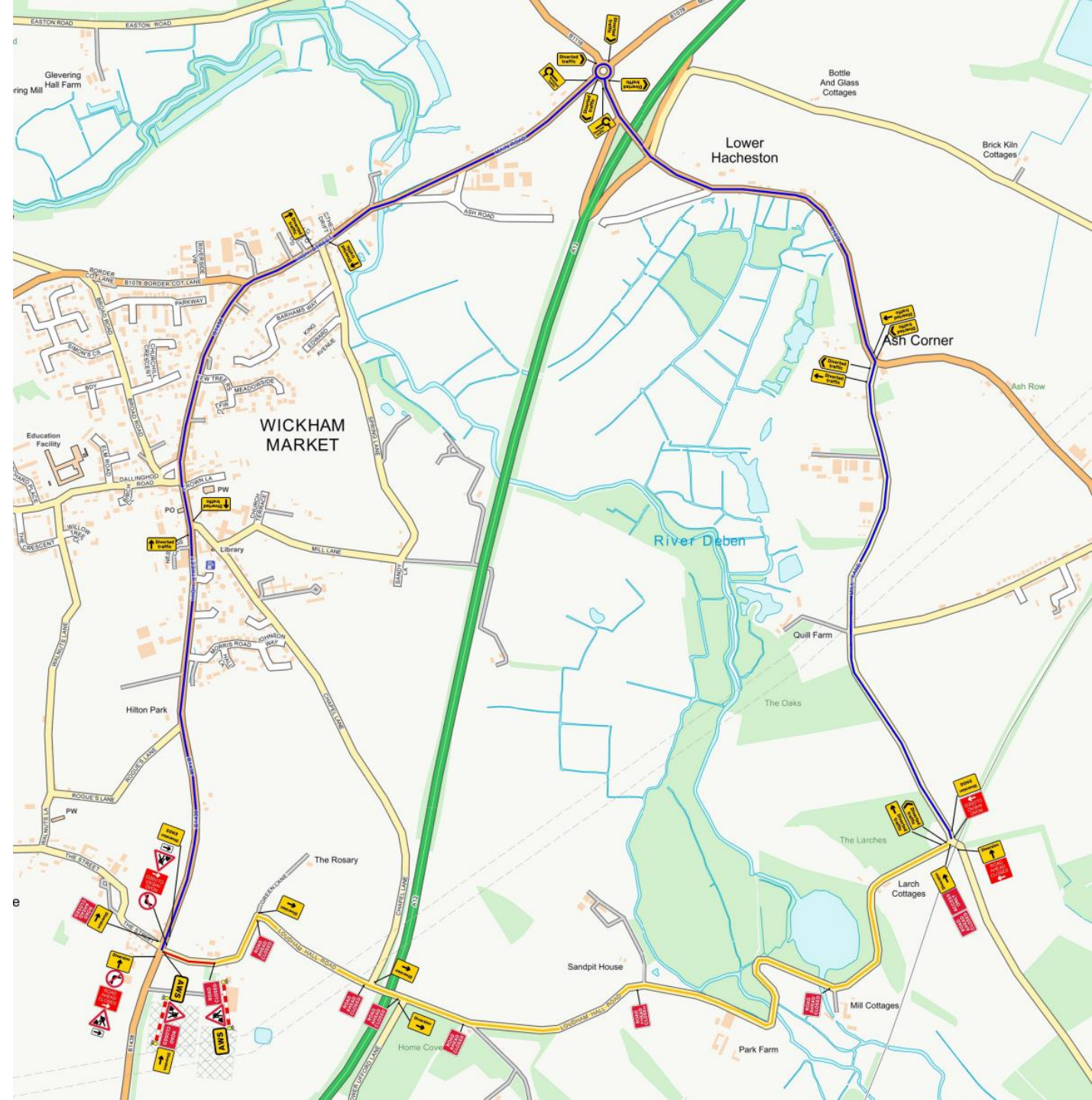
Phase 5

- 3 weeks
- Road closure
- Loudham Hall Lane
- 100m Open Cut
- 4th November – 22nd November
- **28th November – Demobilise from site**



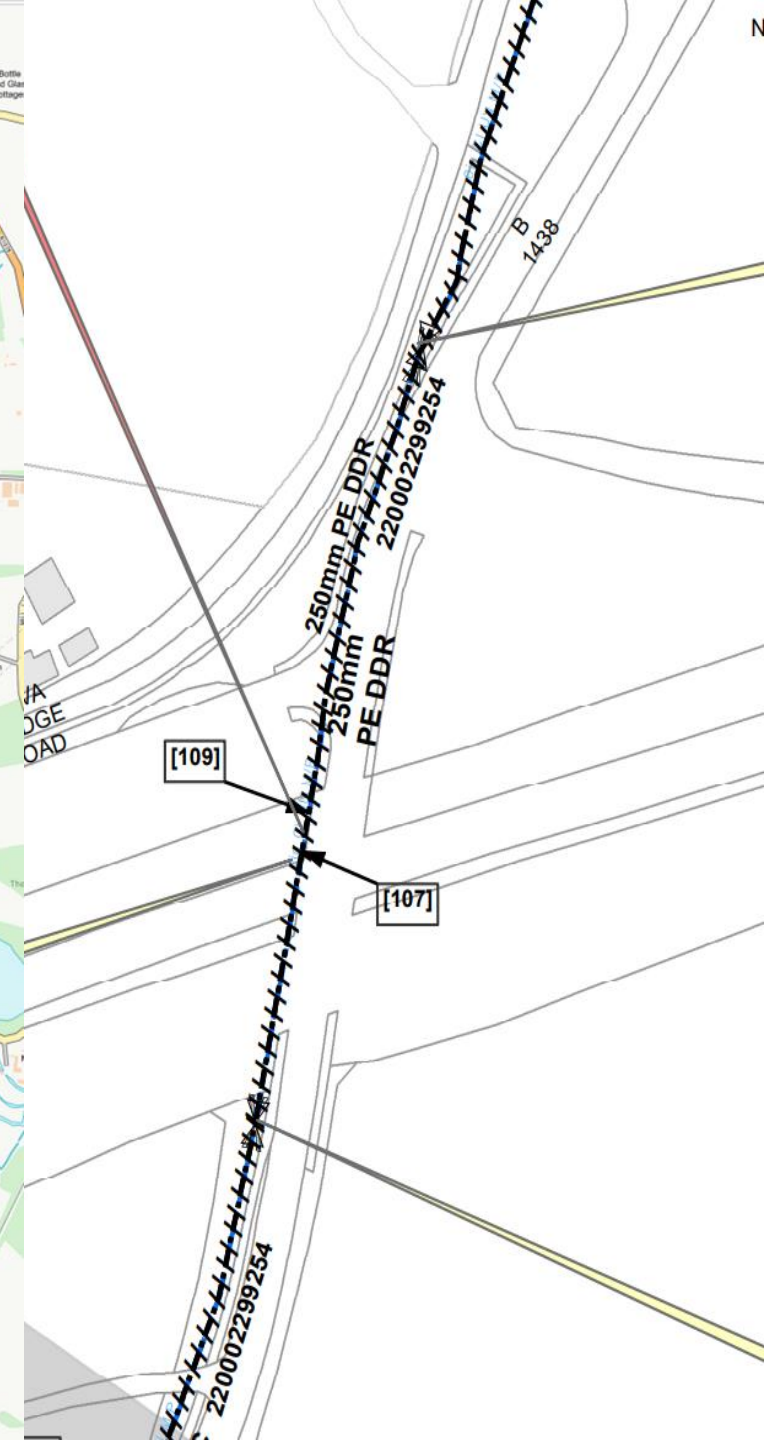
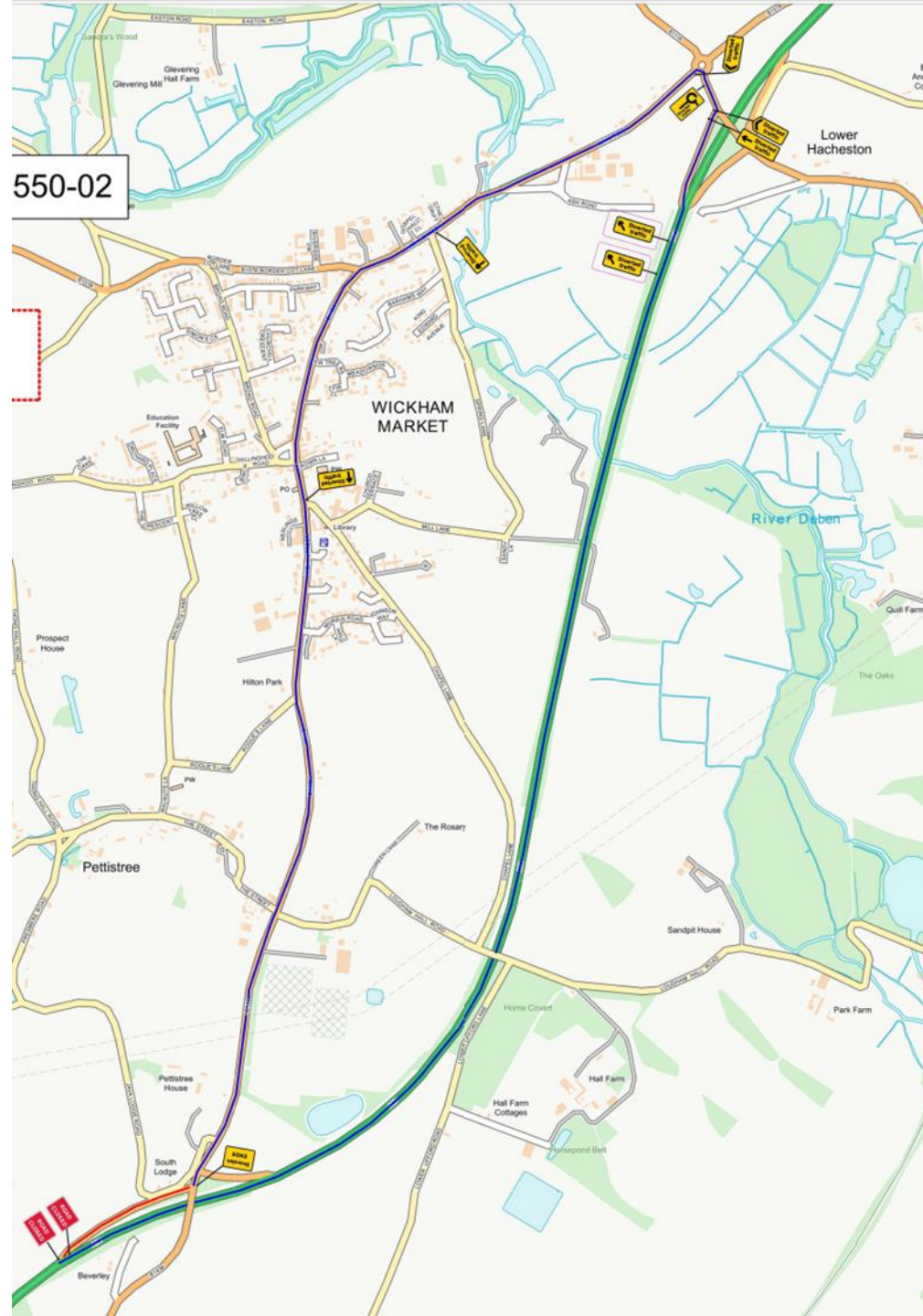
Phase 5

- 3 weeks
- Road closure
- Loudham Hall Lane
- 100m Open Cut
- 4th November – 22nd November
- **28th November – Demobilise from site**



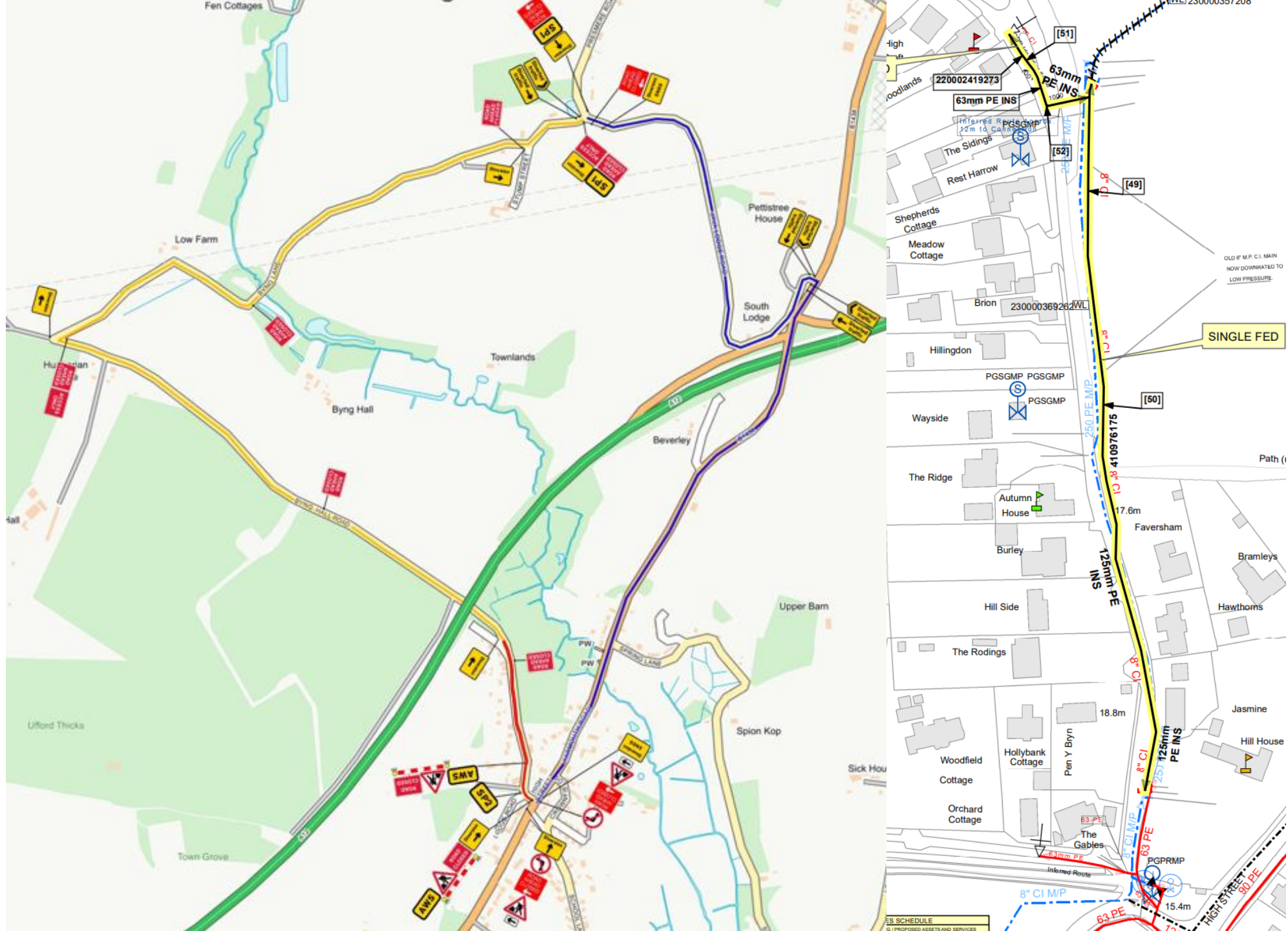
Phase 6

- **Remobilise 6th January to 7th Feb**
- 4 Week Duration
- In Conjunction with Phase 7
- 2 way lights on Main Road over the A12
- A12 slip road closed
- Gas operations to connect the new mains that have been laid.
- Due to Network configuration open cut method is required.
- We will be inserting across the bridge.
- **May deliver prior to the end of November if ahead of programme and time allows us to do so. This will be by agreement.**



Phase 7

- **Remobilise 6th January to 7th Feb**
- Road closure
- Byng Hall Rd
- Low Pressure replacement
- Medium Pressure connection
- **May deliver prior to the end of November if ahead of programme and time allows us to do so**



Next Steps

Business meeting to be organised.

Permits to be submitted noting start 29th July on Phase 1 & 2

Ecology survey to be conducted on hedgerow between Byng Hall Road to the Brook

Regular updates on work progress through Website and Parish Council



Contacts

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