

H667 Pr
Date 18

Norwood Road Presentation - Trunk Main Installation



Project Ref: H667_04

Date: 14th March 2019

Presenters:

Graeme Oddy – Senior Traffic Manager

Mo Arshid – Site Manager

**Aghogho Amelia Asagba – Customer &
Stakeholder Co-ordinator**

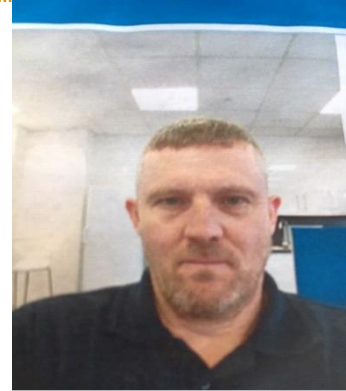


Your Team on Norwood Road

(The dream Team)



Graeme Oddy
Senior Traffic
Manager



Phil Hawley
Construction
Manager



Ian Welch Project
Manager



Mo Arshid Site
Manager



Dan Walsh
Construction
Manager
(Instalcom)



Dean Freedman
Construction
Manager
(Instalcom)

H667-004 Norwood Road - Reasons for Replacement

- Why – To address flooding issues, due to multiple failures in the vicinity of junction of Palace Rd/Leigham Vale resulting in flooding Lupin Close
- Why – The existing 21” cast iron trunk main was installed in 1890 & due to age and fatigue has a history of bursts.
- Why – Numerous samples and test have been completed & indicate that the main is in poor condition.
- Area to be renewed – Tulse Hill to Robson Rd.
- Why Open Cut – The existing trunk main is too small a diameter to slip line & would not provide sufficient volume for the current population.

Leigham Vale Bursts Oct & Dec 2016

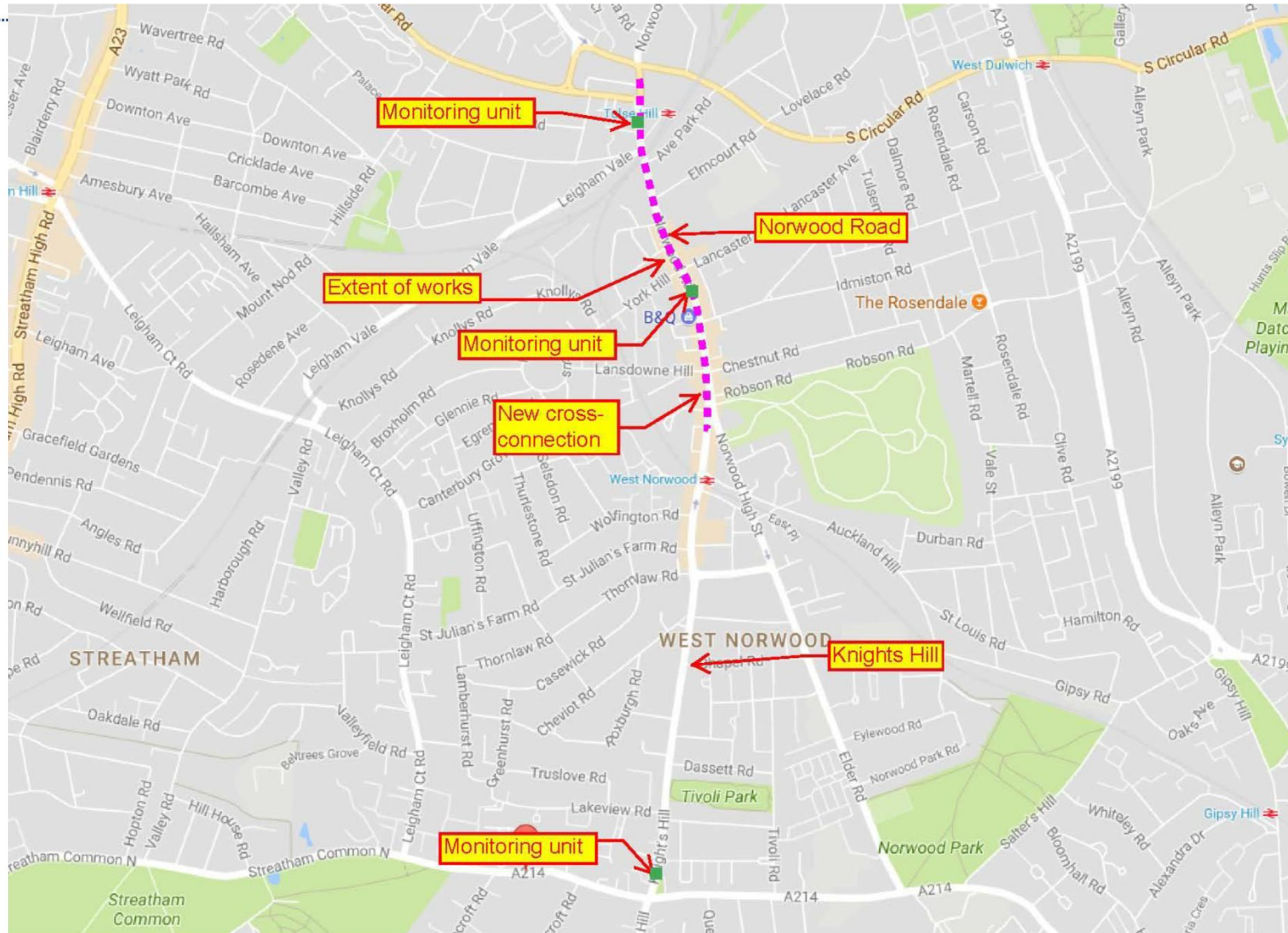


Lupin Close



Palace Road/Norwood Road

Project Overview



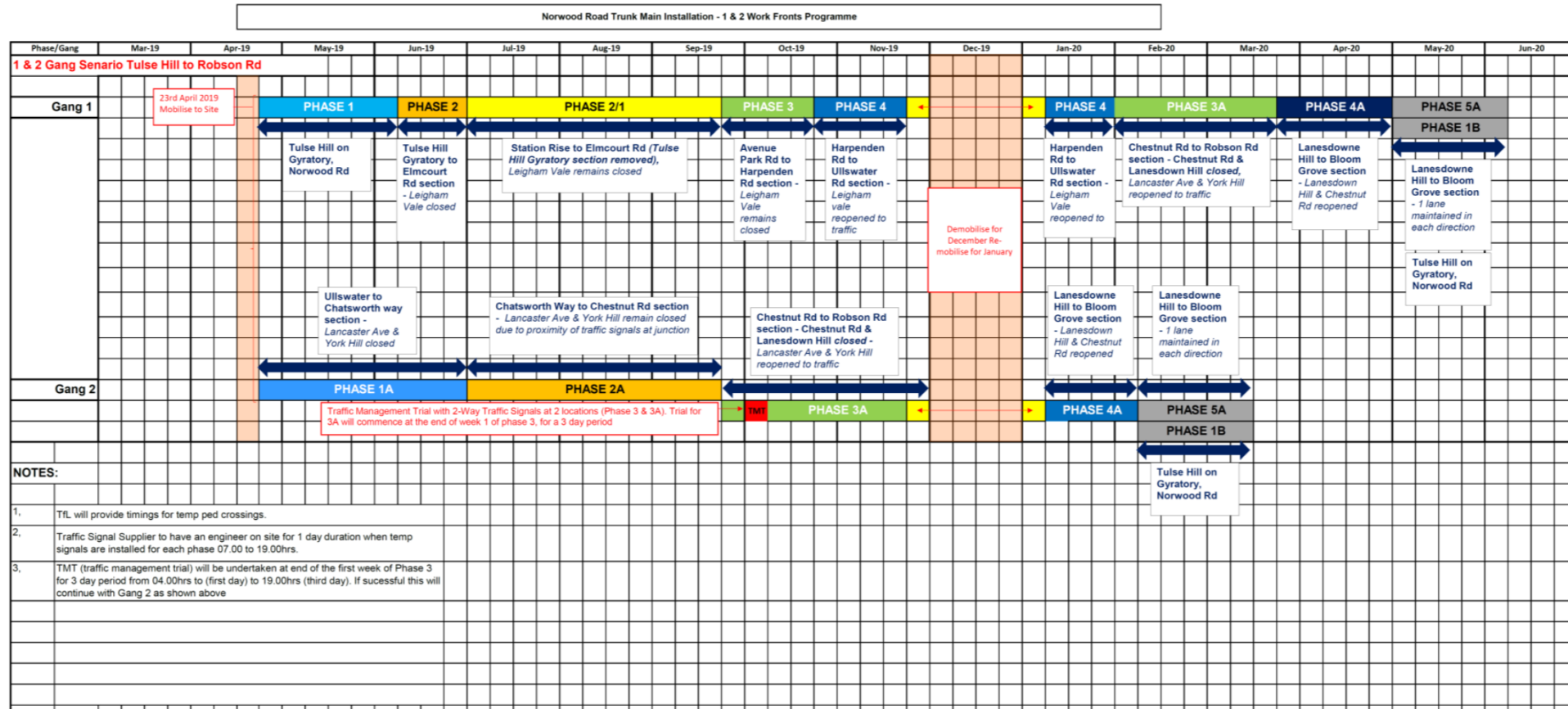
H667-004 Norwood Road - Proposed Scope

- What needs to be done – Open cut 840m to install new 600mm ductile steel epoxy resin coated trunk main in sections working north to south.
- Install 3 No chambers for monitoring flows & pressures.
- Connections at each end of the new trunk main
- To Minimise impacts and duration 2 work fronts have been proposed (Tulse hill to Lancaster Ave & Lancaster Ave to Robson Rd
- Norwood Road - Final scheme of 3.TW investment of £14m into 3 projects (Norwood Road final section) to give network resilience & future proofing.

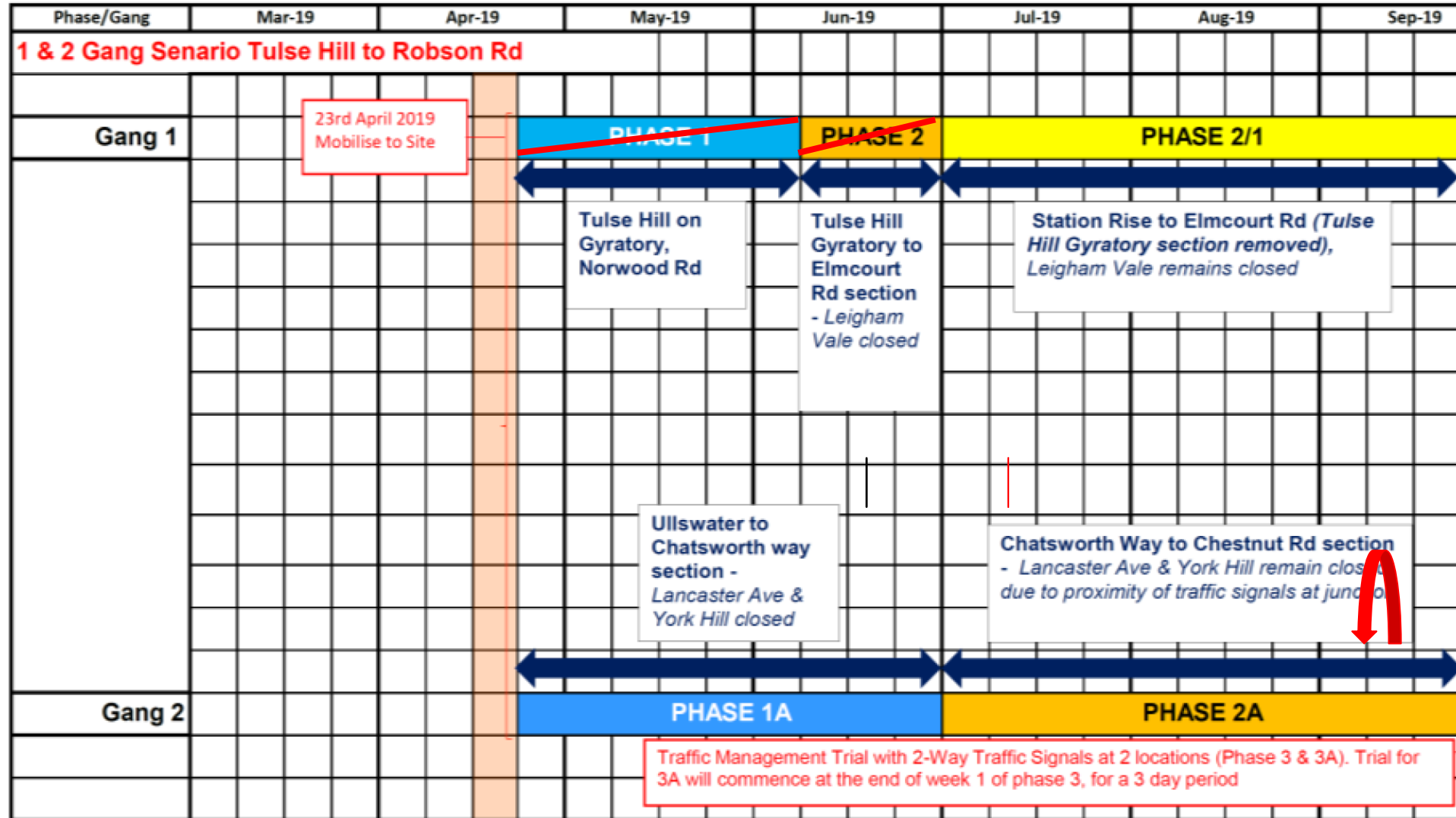
Where are we now ?



Project Programme – Starting on 23rd May 2019



Where are we now ?



Phase 2/1 & 1A Challenges (Unchartered Services)

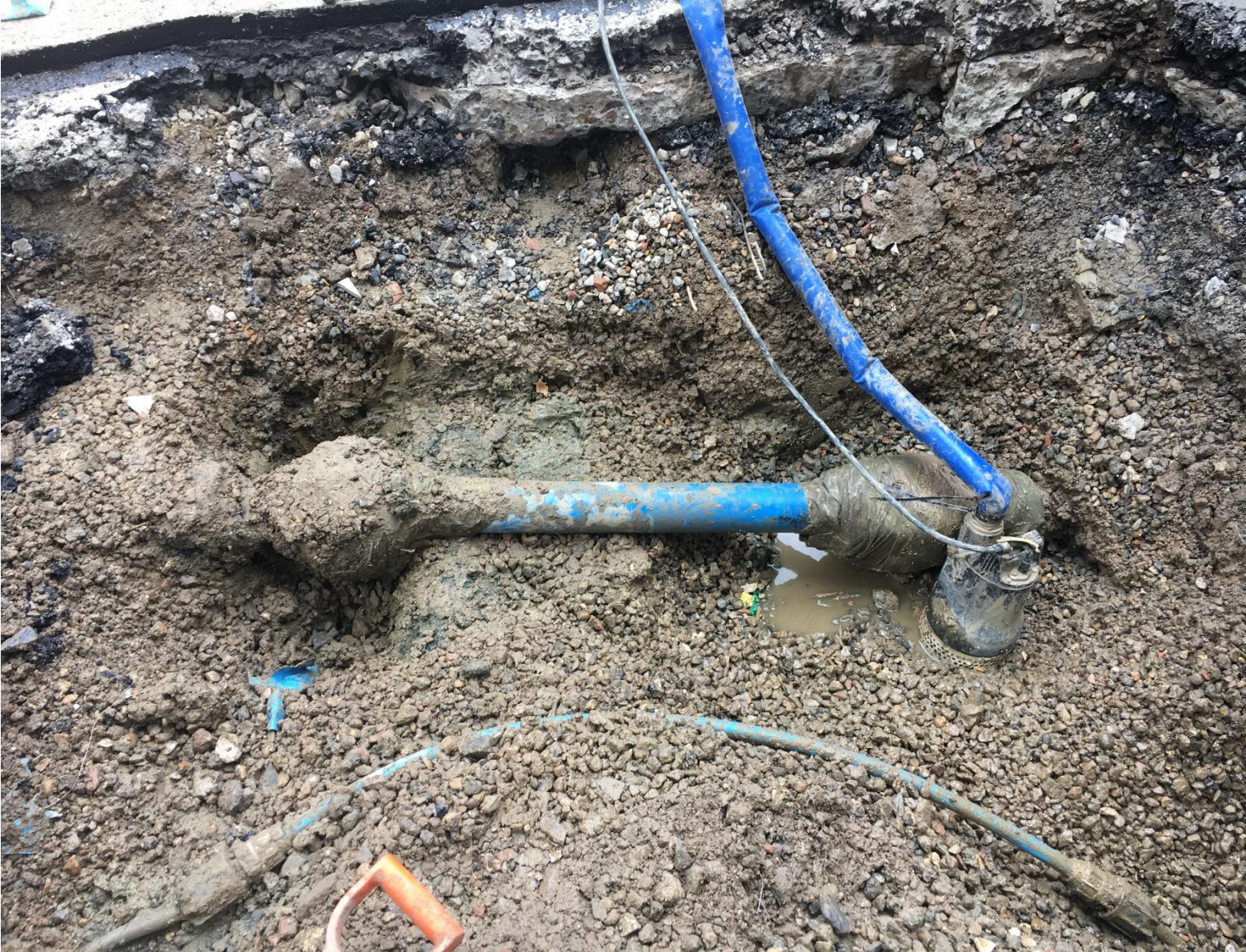


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- Low pressure 18" Gas Main
 - Existing 8" Cast iron water main (below Gas)
 - 640mm between Gas & Water pipes
 - Hand dig around existing services
 - Redesign of trunk main to go below existing
 - Existing water pipe burst by Parade Mews

Phase 2/1 Pipe Burst



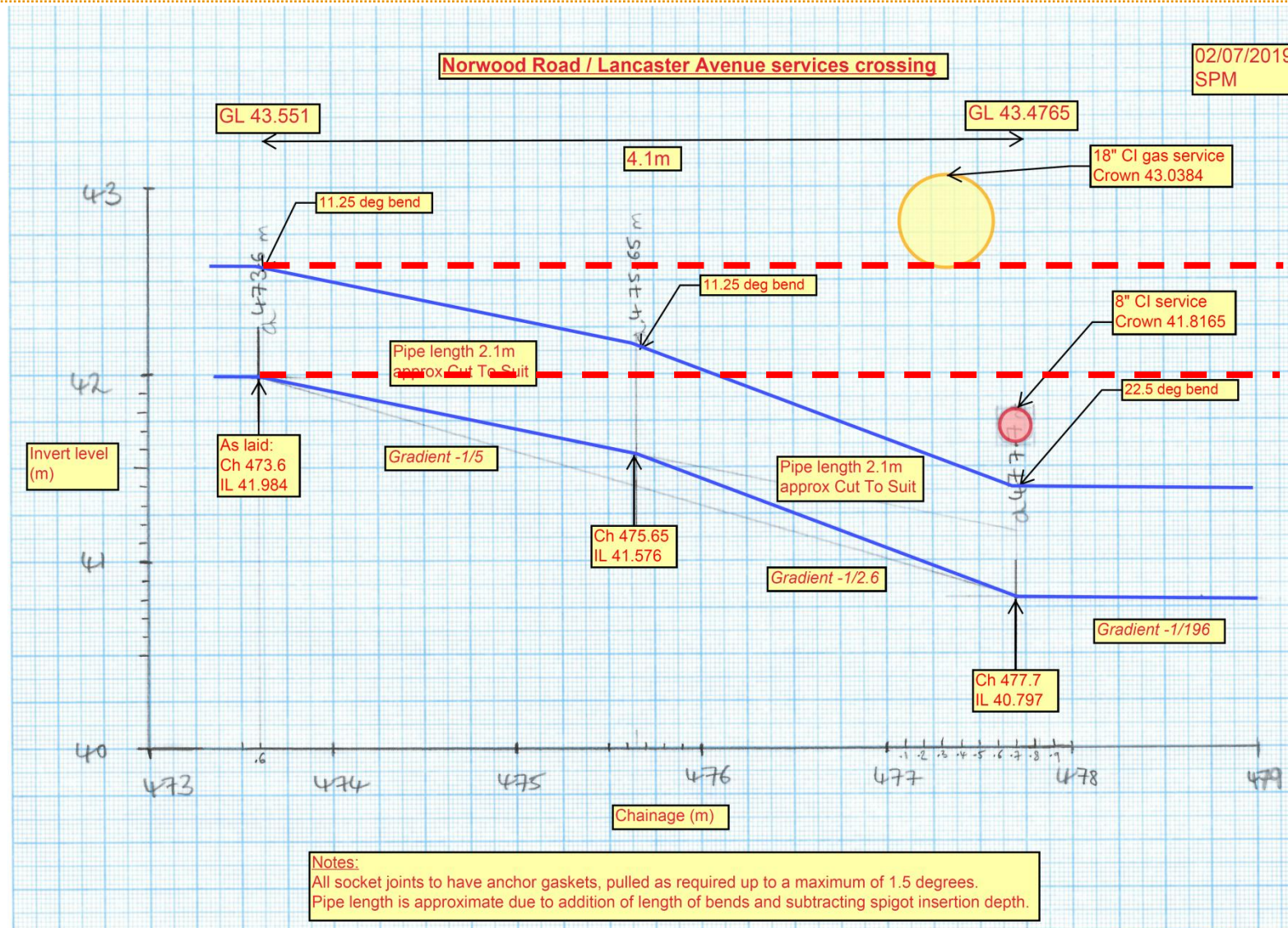
Phase 2/1 Pipe Burst



Phase 2/1 Pipe Burst

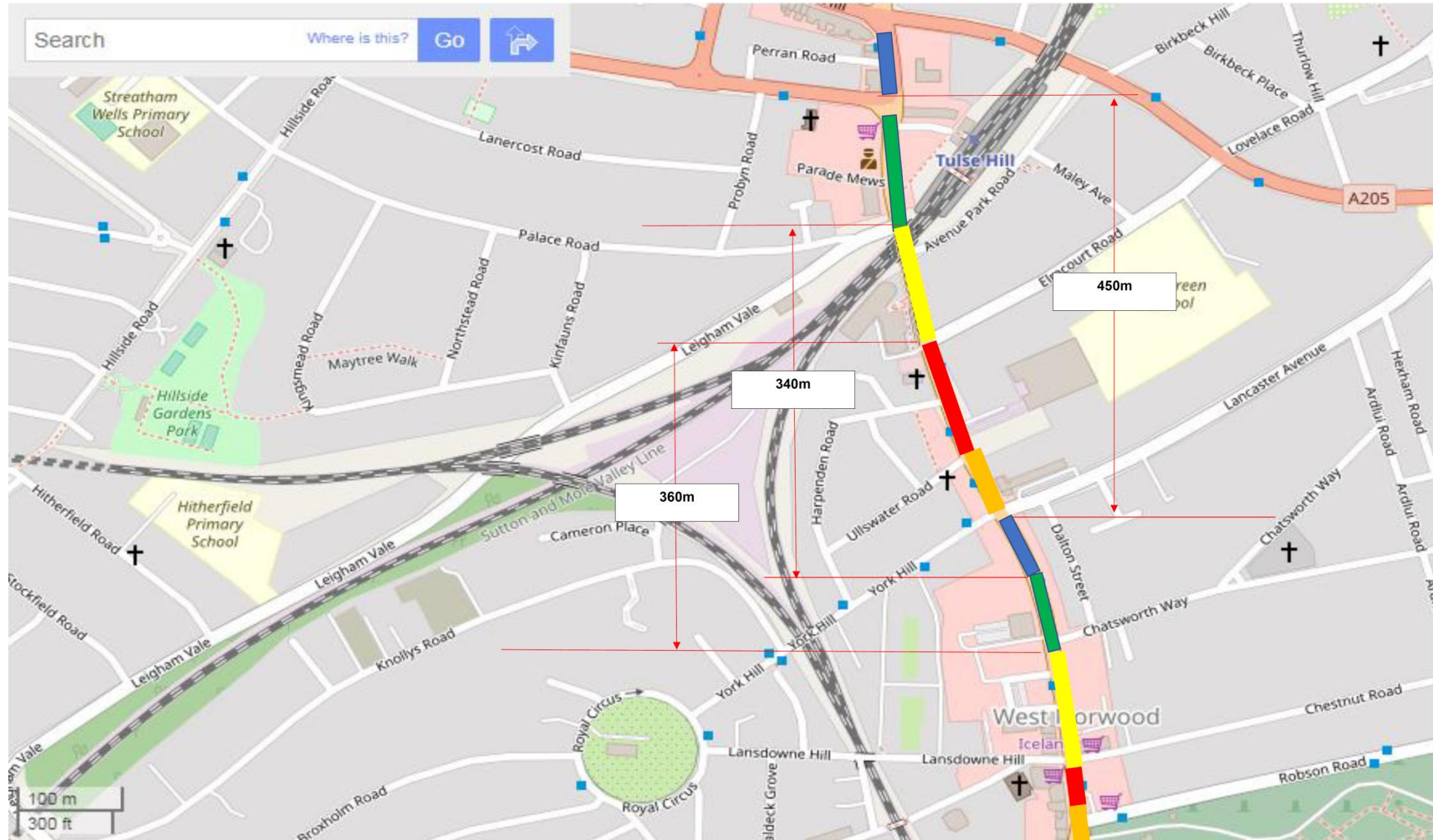


Phase 1A Challenges (Unchartered Services)





H667 Priority Trunk Mains Rehabilitation – Options 1 & 2 Work Areas



Norwood Road Presentation - Trunk Main Installation

Thank You

Questions ?

