

# M25 junction 10/A3 Wisley interchange

TR010030

## 9.68 Structures with the potential to impound water (Response to ExQ 2.6.1)

Rule 8(1)(b)

Planning Act 2008

Infrastructure Planning (Examination Procedure) Rules 2010

Volume 9

March 2020

# Infrastructure Planning

## Planning Act 2008

### The Infrastructure Planning (Examination Procedure) Rules 2010

## M25 junction 10/A3 Wisley interchange

### Development Consent Order 202[x ]

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## 9.68 STRUCTURES WITH THE POTENTIAL TO IMPOUND WATER (RESPONSE to ExQ2.6.1)

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# 1. Introduction

- 1.1.1 This document has been prepared to provide background information on impoundment licencing requirements for the Scheme, in support of the Examining Authority's Written Question (ExQ) 2.6.1 [PD-010]
- 1.1.2 ExQ 2.6.1 asks of the Applicant:  
*“Please comment on the EA being unwilling to agree under the terms of the DCO to the disapplication of the need to apply to the EA for Water Impoundment Licences under the Water Resources Act 1991 [see Appendix A of REP3-026], and the EA’s updated position on this matter as detailed in paragraph 1.4 of [REP4-047]?”*
- 1.1.3 In addition to the response in TR010030/Volume 9.58, the information in this document comprises Table 1 below, listing the existing and proposed structures with potential to impound water. This list of structures is based on an appraisal of the preliminary design undertaken as part of the Water Framework Directive Assessment [APP-045]. The table provides a brief description of the structures and, where available, photos of existing structure or the channel where the proposed structure would be constructed. A map showing the locations of the structures is provided in **Appendix A**.

## 2. Scheme components with potential to impound water

Table 2: Scheme components with potential to impound water

Scheme Component	Description	Photo	
BL1 - retaining wall	<p>Outflow from Bolder Mere is regulated by two structures: a formal outflow (a) and a natural outflow (b).</p> <p>The A3 is being widened along north-western edge of Bolder Mere to accommodate an additional lane. A new retaining wall (length about 180m) is to be constructed c. 4-8m into the lake margins to replace the current wall. This retaining wall is unlikely to impact the Bolder Mere outflows structures.</p>	BL1a) formal outflow 	BL1b) natural outflow 
WY1 – culvert replacement	<p>Culvert replacement assumed to be necessary because of increased traffic on a minor road that provides access to local houses.</p>		

Scheme Component	Description	Photo
WY3 – culvert extension	Approx. 10m culvert extension to the south of the A3 to allow for minor watercourse to continue under widened A3.	
WY4 – culvert extension	<p>Approx. 10m culvert extension to the north of the A3 to allow for minor watercourse to continue under widened A3.</p> <p>Photo taken from footbridge looking upstream (south) towards location of WY4 – railings at top of photo mark edge of A3 trunk road.</p>	
WY5 – new culvert	<p>New Wisley Common restricted byway requires a new approx. 10m culvert to be put in on the outflow from Bolder Mere.</p> <p>Photo taken from footbridge looking downstream (north) towards location of WY5.</p>	

Scheme Component	Description	Photo
WY7 - culvert extension and displacement of channel	A ditch flows between the two carriageways of the A3. Embankments from road widening will displace c. 25m of channel and require a approx.5m culvert extension. Widening on west side of northbound carriageway (RHS Garden Wisley) will also require a short culvert extension.	No Photo Available - in middle of A3 dual carriageway.

# Appendices



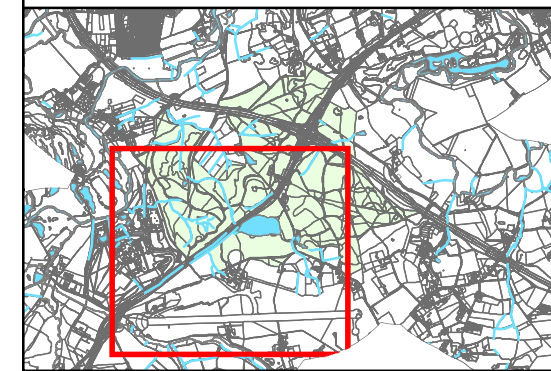
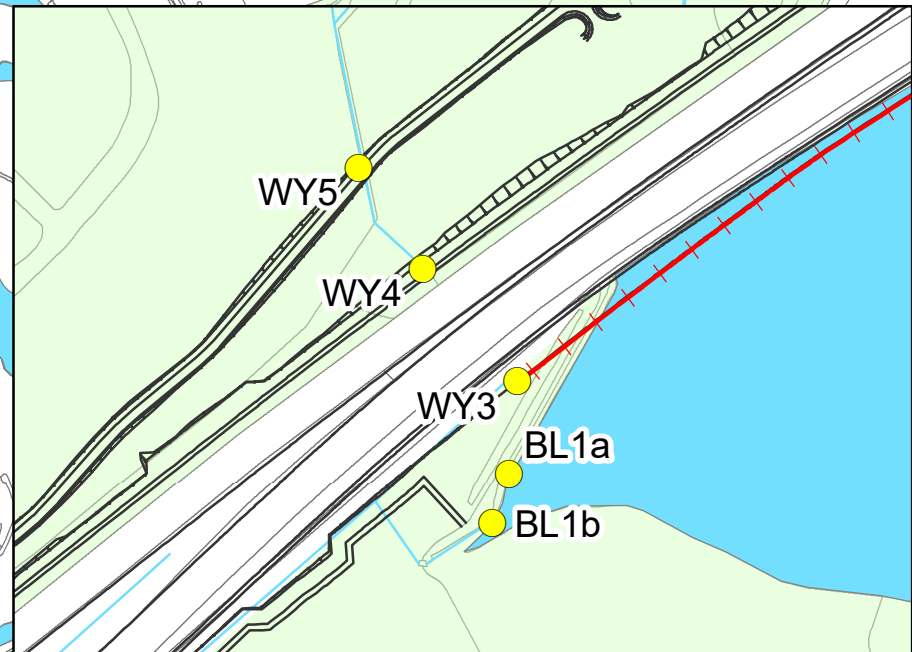
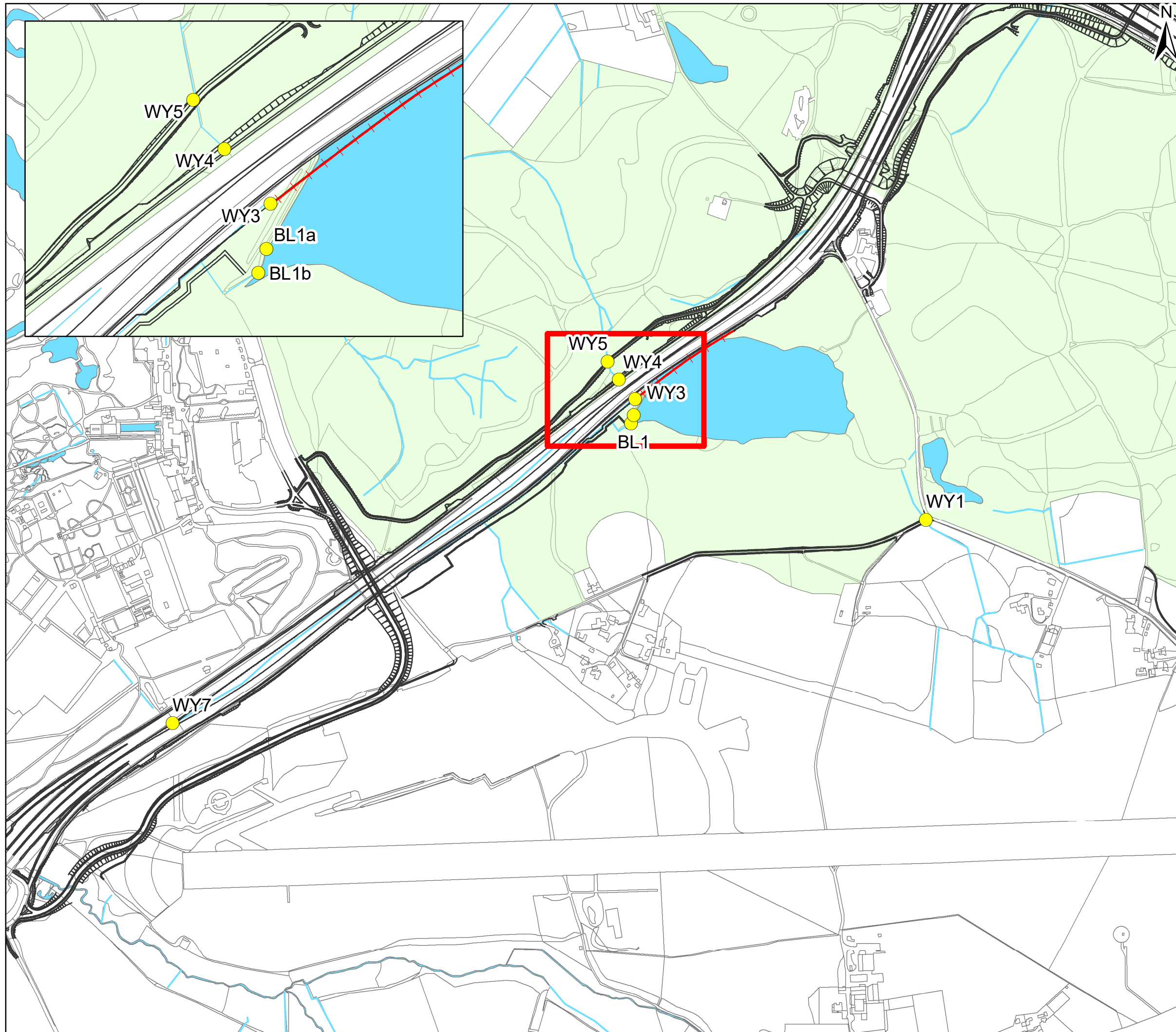
# Appendix A. Potential Water Impoundment Locations

# Road Investment Strategy Improvements to M25 J10/A3 Wisley Interchange

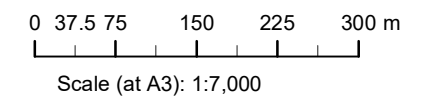
Structures with the potential to impound water

## Key

- Structures with potential to change impoundments
- Road design
- Retaining wall
- Surface water feature
- Ockham and Wisley Commons SSSI



Data sources: Environment Agency, Ordnance Survey.



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