



**Appendix A14.1**  
Scheme Walkover  
Summary

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## **Appendix A14.1: Scheme Walkover Summary**

### **1.1 Introduction**

The following is a summary of the observations by the Land, Soils, Geology and Hydrogeology Environmental Impact Assessment Team following a physical walkover of the scheme. The walkover occurred on the 27<sup>th</sup> February 2020, 11<sup>th</sup> August 2022 and 16<sup>th</sup> January 2023.

Not all observations have been included in this summary for conciseness. Typically, only observations that could not have been determined from a desk study and that are relevant to the Land, Soils, Geology and Hydrogeology chapter have been included. The omission of an observation or a feature does not negate the feature's importance in terms of the Land, Soils, Geology and Hydrogeology environmental impact assessment.

The observations are summarised in Table 1 and the corresponding photos in Table 2 of this Appendix.

## 1.2 Summary

The main observations relate to the proposed widening of the road along Rathfarnham Road, where an existing wall is present between Rathfarnham Castle Park and the existing road. The Proposed Scheme runs south of the Greenhills esker which is a County Geological Site(CGS).

**Table 1: Scheme Walkover Summary**

Observation	General Arrangement Drawing Sheet Number*	Description	Possible Impact	Photo Number
Greenhills Esker	Sheet 28	The R137 lies to the south of a county geological site. It is noted that little of the esker remains, and it is not located adjacent to the road.	Though not a statutory designated site the guidelines for assessing the impact on geology consider county geological sites as high importance and as a result a moderate impact (removal of a moderate proportion of the feature) would have a significant impact if not mitigated.  Additionally, the nature of the esker material is highly permeable and therefore more susceptible to groundwater contamination.	N/A
Spawell Roundabout	Sheet 30	Works are proposed at this location to upgrade the roundabout to a signalised junction.	This may pose an issue for the earthworks balance and waste assessment.	Rathfarnham Image 01
Potential Construction Compound	Sheet 30	Construction Compound TR1 will be located south of the Spawell roundabout, at the Tallaght Road / Spawell Link Road junction	This area will be used as earthworks and construction stockpile locations. Mobilisation of contaminants could potentially originate from these compounds	Rathfarnham Image 02
Templeogue Road	Sheet 32	The Templeogue Road is proposed to be widened by approximately 1m.	This may pose an issue for the earthworks balance and waste assessment.	Rathfarnham Image 03
Rathdown Drive	Sheet 36	New cycle lane along Rathdown Drive adjacent to Templeogue Road.	This may pose an issue for the earthworks balance and waste assessment.	Rathfarnham Image 04
Rathfarnham Road Retaining wall	Sheet 01	This wall sits between Rathfarnham Road and Rathfarnham Castle Park. It appears to be acting as a retaining wall. This may have an impact if it must be changed to accommodate road widening.	This may pose an issue for the earthworks balance and waste assessment.	Rathfarnham Image 05
Rathfarnham Castle woodland	Sheets 01 and 02	Within the grounds of Rathfarnham castle park woodlands and a local stream was identified which runs adjacent to the proposed bus corridor	This stream may pose an issue for mobilising contaminants into the groundwater.	Rathfarnham Image06 & 07
Potential Construction Compound	Sheet 03	Construction Compound TR3 will be located along Dodder View Road, across the road from Bushy Park, in the greenfield area between Dodder View Road, Woodview Cottages and Church Lane,  Note TR03 is not located on the Key plan documents, this area is located west of Sheet 03	This area will be used as earthworks and construction stockpile locations. Mobilisation of contaminants could potentially originate from these compounds	Rathfarnham Image 08
Rathfarnham Road – Road widening.	Sheet 04	The Rathfarnham Road is proposed to be widened which will require land take from residential gardens. Minor level changes were observed between	This may pose an issue for the earthworks balance and waste assessment.	Rathfarnham Image09

Observation	General Arrangement Drawing Sheet Number*	Description	Possible Impact	Photo Number
		the road and the gardens on Rathfarnham Road.		
River Dodder	Sheet 04	The groundwater flow is in the direction of the River Dodder.	This may pose an issue for mobilising contaminants into the groundwater and River Dodder.	Rathfarnham Image10
Potential Construction Compound	Sheet 19	Construction Compound TR2 will be located north-west of Terenure Road North, between Eaton Road and Eagle Hill Avenue,	This area will be used as earthworks and construction stockpile locations. Mobilisation of contaminants could potentially originate from these compounds	Rathfarnham Image 11
Potential Construction Compound	Sheet 13	Construction Compound TR4 will be located on Military Road, perpendicular to Rathmines Road Lower, south of St Marys College	This area will be used as earthworks and construction stockpile locations. Mobilisation of contaminants could potentially originate from these compounds	Rathfarnham Image 12
Potential Construction Compound	Sheet 15	Construction Compound TR5 will be located on Richmond Street South, on the slip road between Richmond Street South and Harcourt Road,	This area will be used as earthworks and construction stockpile locations. Mobilisation of contaminants could potentially originate from these compounds	Rathfarnham Image 13
Potential Construction Compound	Sheet 30	Construction Compound TR6 will be located on Spawell Link Road, between Spawell Roundabout and Firhouse Road,	This area will be used as earthworks and construction stockpile locations. Mobilisation of contaminants could potentially originate from these compounds	Rathfarnham Image 14

### 1.3 Photo

**Table 2: Scheme Walkover Photos**

Photo ID	Caption	Date Taken	Coordinates
Rathfarnham Image 01	The Spawell roundabout is proposed to be upgraded to a signalized junction.	11/08/2022	712005, 728339 (ITM)



Key plan

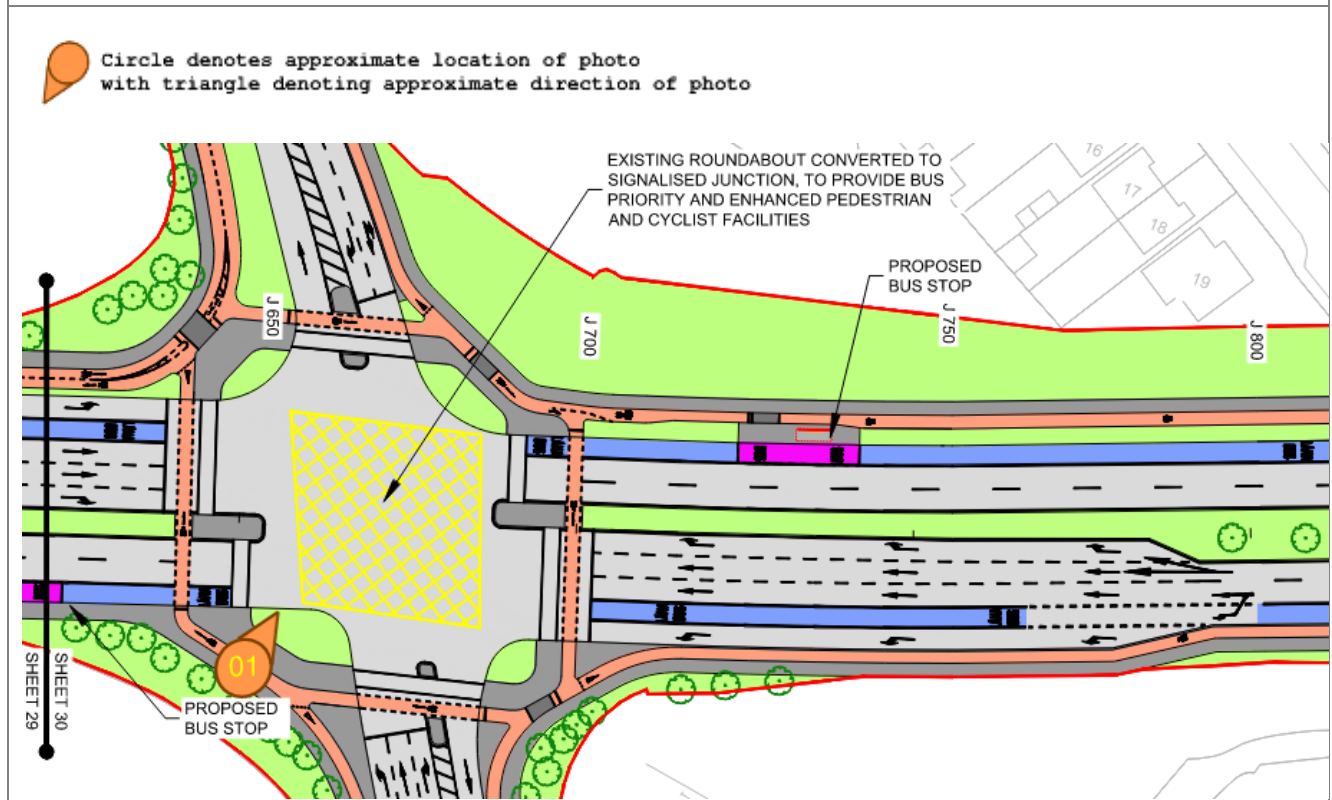




Photo ID	Caption	Date Taken	Coordinates
Rathfarnham Image 02	Construction Compound TR1	16/01/2023	712003, 728317



Key Plan

 Circle denotes approximate location of photo  
 with triangle denoting approximate direction of photo

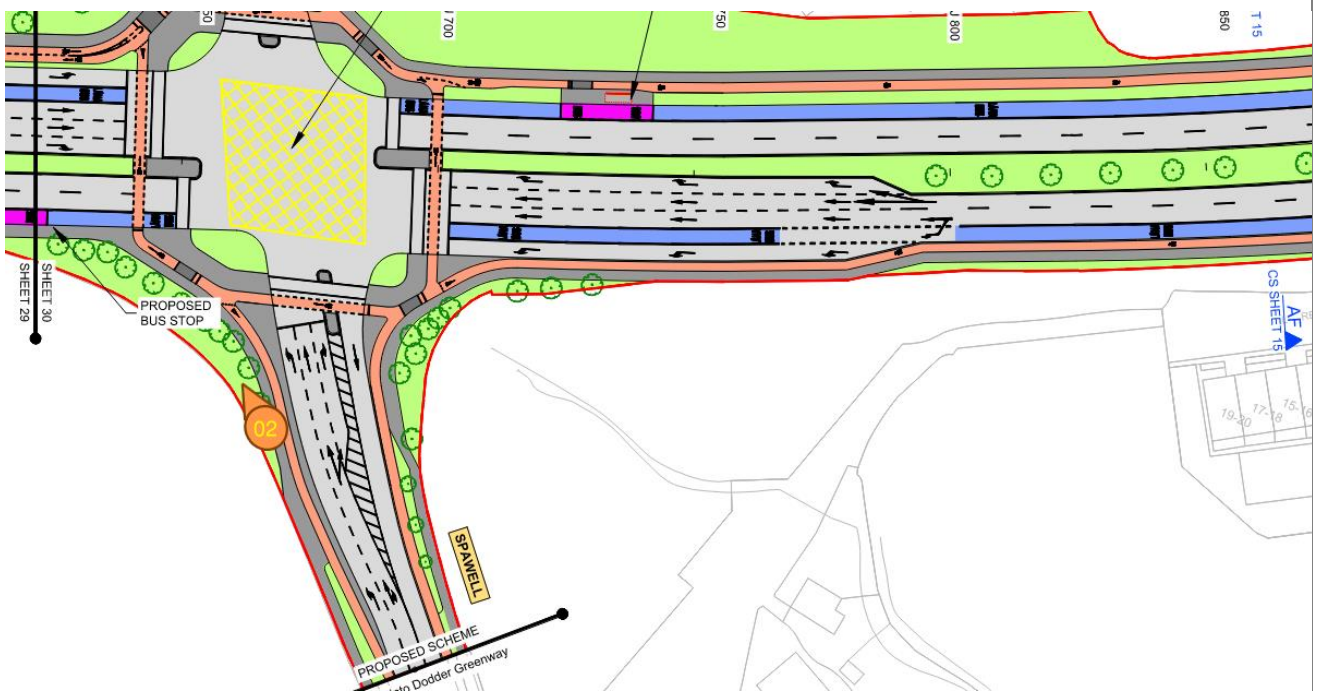


Photo ID	Caption	Date Taken	Coordinates
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Rathfarnham Image 03	Templeogue Road proposed road widening, south of Templeogue village.	11/08/2022	712944,728784 (ITM)
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Key plan



Circle denotes approximate location of photo  
 with triangle denoting approximate direction of photo

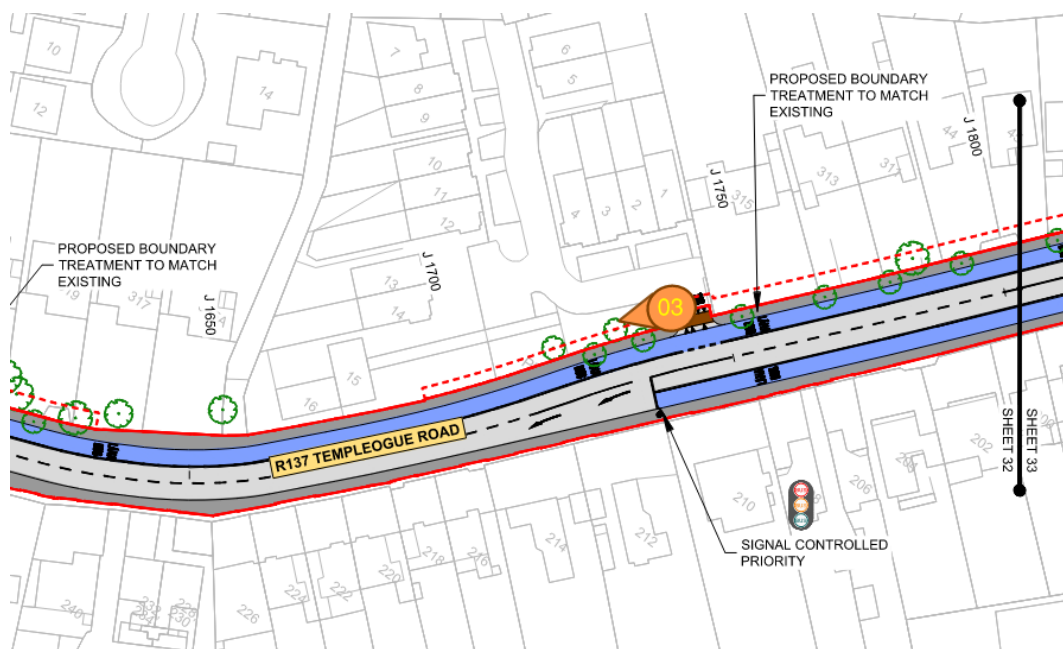





Photo ID	Caption	Date Taken	Coordinates
Rathfarnham Image 04	Proposed new cycle lane and footpath along Rathdown Drive adjacent to the Templeogue Road.	11/08/2022	714003, 729824 (ITM)



Key plan

 Circle denotes approximate location of photo  
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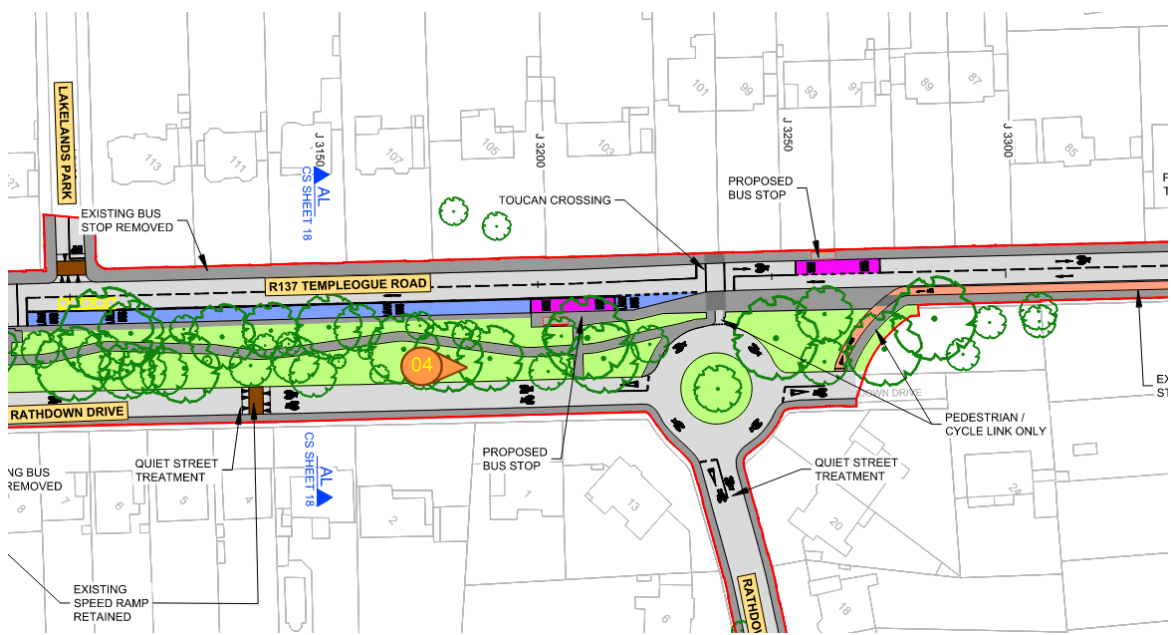




Photo ID	Caption	Date Taken	Coordinates
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Rathfarnham Image 05	It is proposed to widen the road at Rathfarnham Road adjacent to Rathfarnham Castle Park where retaining walls are present.	11/08/2022	714458, 728644 (ITM)
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Key plan

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 with triangle denoting approximate direction of photo

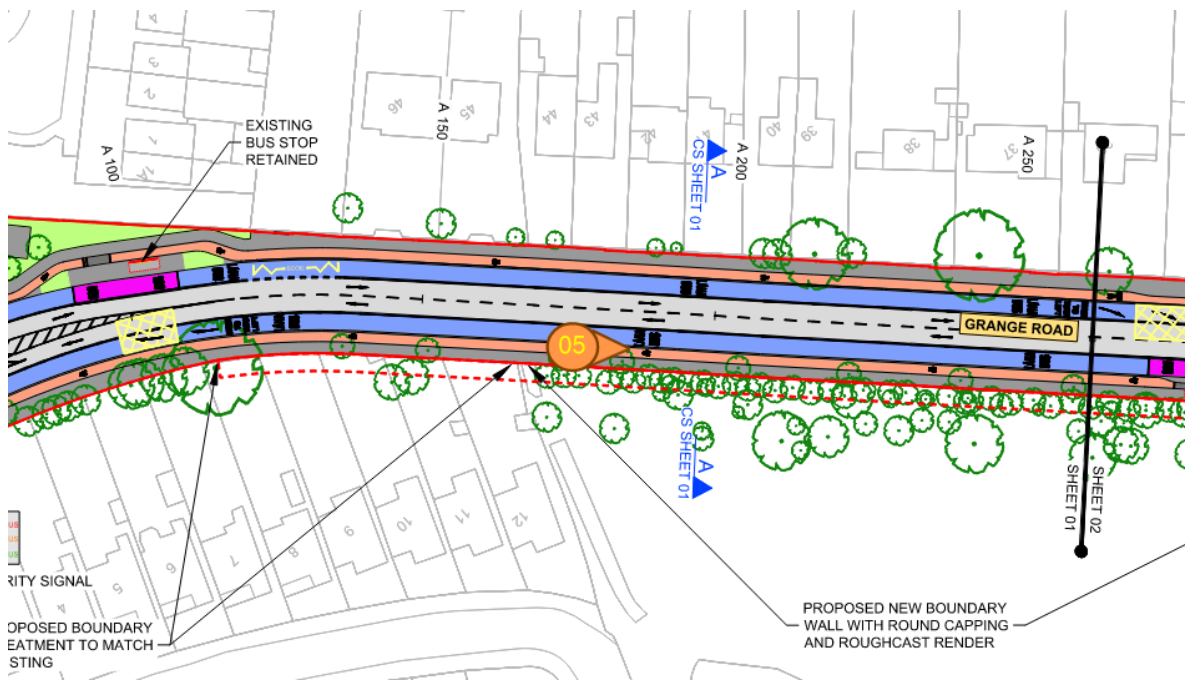


Photo ID	Caption	Date Taken	Coordinates
Rathfarnham Image 06	It is proposed to widen the road at Rathfarnham Road adjacent to	11/08/2022	714368,728809 (ITM)

Rathfarnham Castle Park where retaining walls are present.



Key plan



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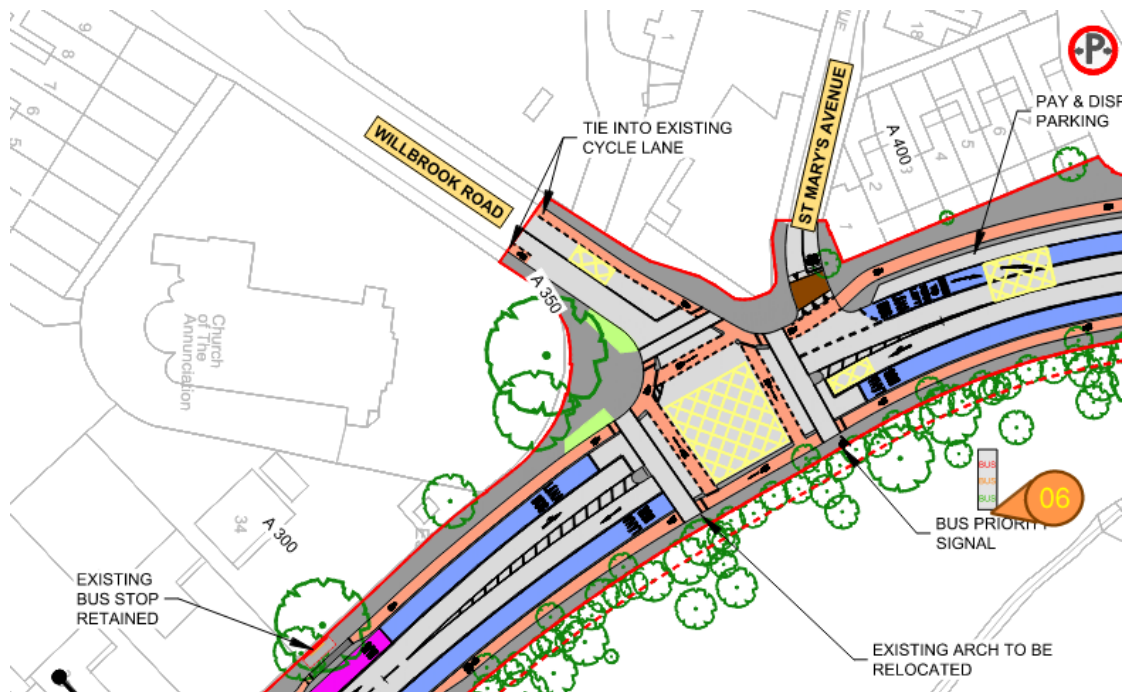


Photo ID	Caption	Date Taken	Coordinates
Rathfarnham Image 07	Within the grounds of Rathfarnham castle park woodlands and a local stream was identified which runs	11/08/2022	714371,728808 (ITM)


adjacent to the proposed bus  
 corridor



Stream identified within  
 Rathfarnham castle woods.

Stream bed was dry during  
 summer months.

**Key plan**

 Circle denotes approximate location of photo  
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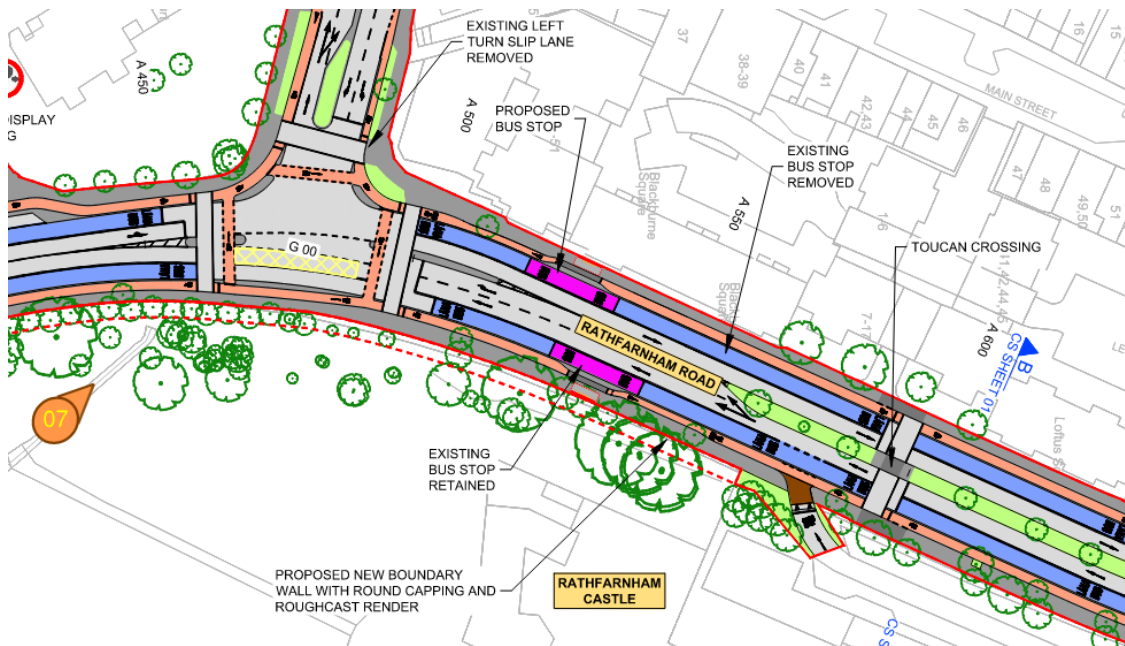
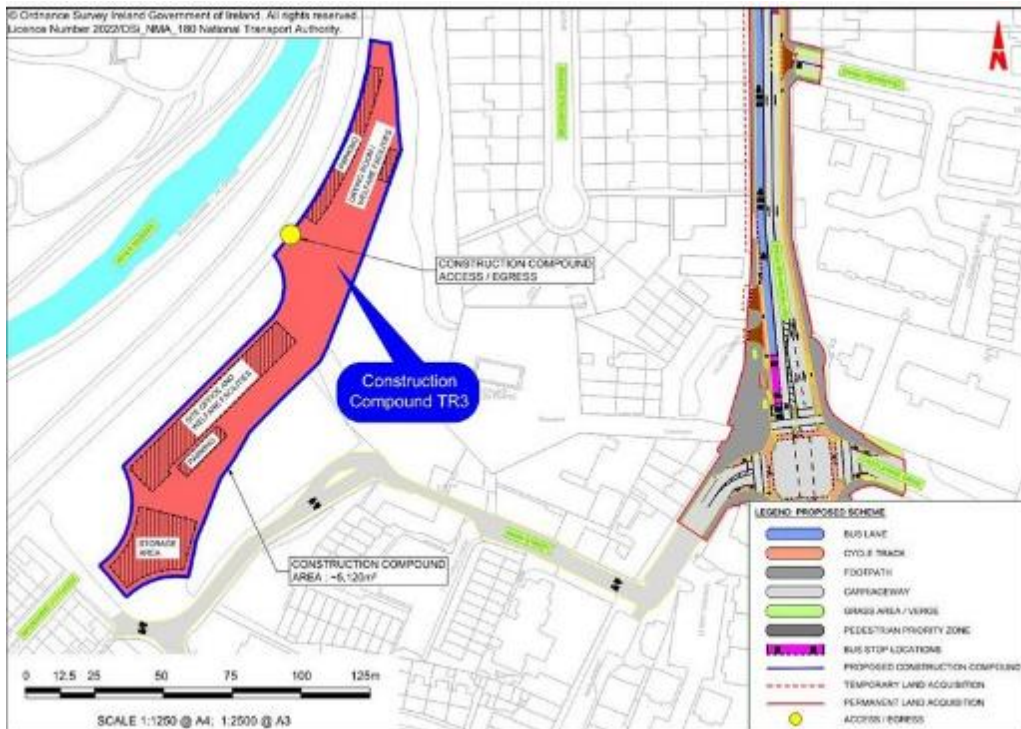


Photo ID	Caption	Date Taken	Coordinates
Rathfarnham Image 08	Construction Compound TR3 will be located along Dodder View Road,	16/01/2023	714200, 729202 (ITM)



Location Drawing




**\*Note TR03 is not located on the Key plan documents, this area is located west of Sheet 03**

Photo ID	Caption	Date Taken	Coordinates
Rathfarnham Image 09	Proposed road widening along the Rathfarnham Road which will require land take from residential gardens. Minor level changes were observed between	11/08/2022	714404,729757 (ITM)

Rathfarnham Road and the residential gardens.



Key plan

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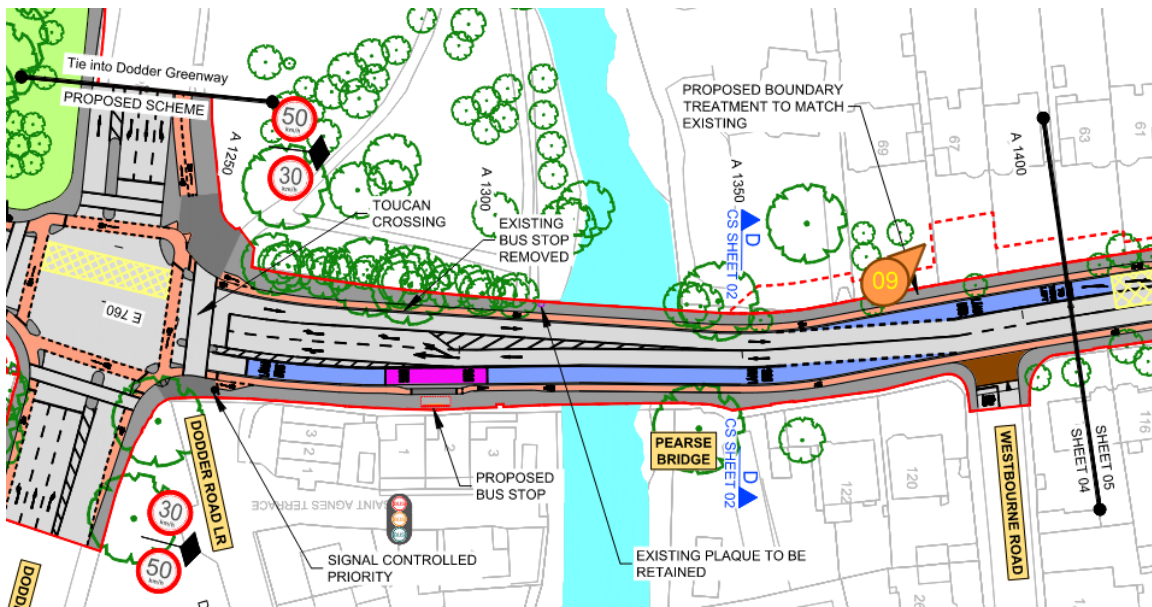


Photo ID	Caption	Date Taken	Coordinates
Rathfarnham_Image10	River Dodder runs underneath the proposed scheme at Rathfarnham Road.	11/08/2022	714395,729677 (ITM)



Key plan



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 with triangle denoting approximate direction of photo

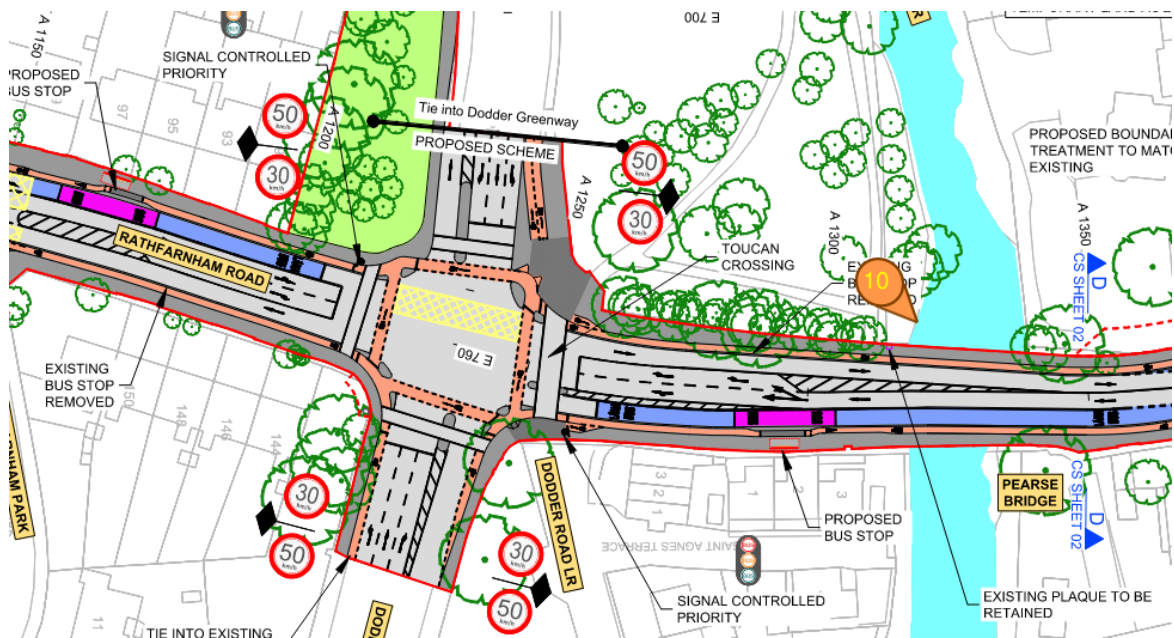




Photo ID	Caption	Date Taken	Coordinates
Rathfarnham_Image11	Construction Compound TR2 will be located north-west of Terenure Road North, between Eaton Road and Eagle Hill Avenue,	16/01/2023	714429, 730449 (ITM)



Key Plan

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 Triangle denoting approximate direction of photo

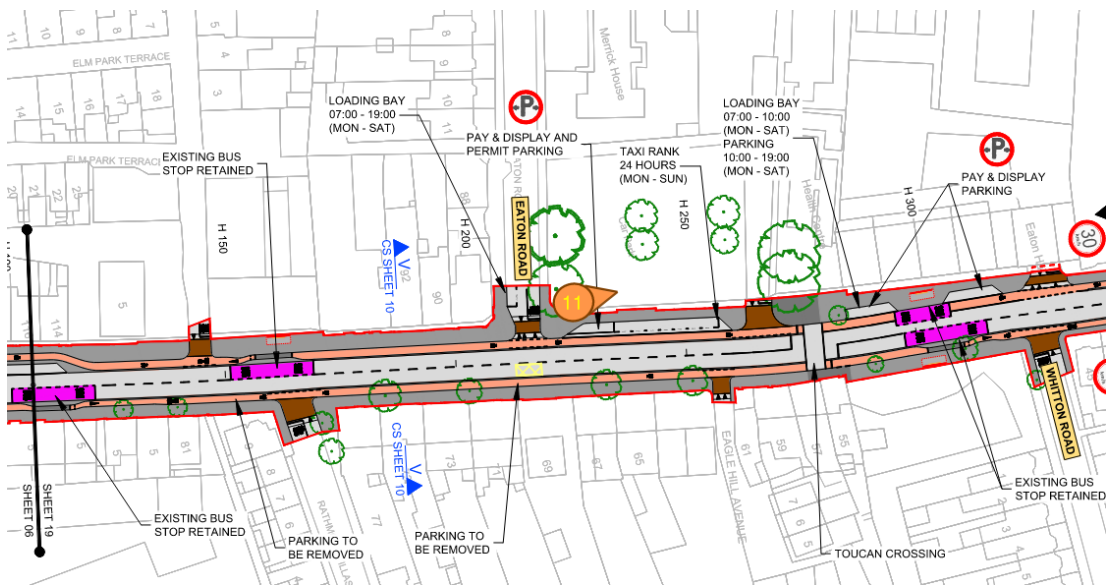


Photo ID	Caption	Date Taken	Coordinates
Rathfarnham_Image12	Construction Compound TR4 will be located on Military Road, perpendicular to Rathmines Road Lower, south of St Marys College	16/01/2023	715536, 732134 (ITM)





Key Plan



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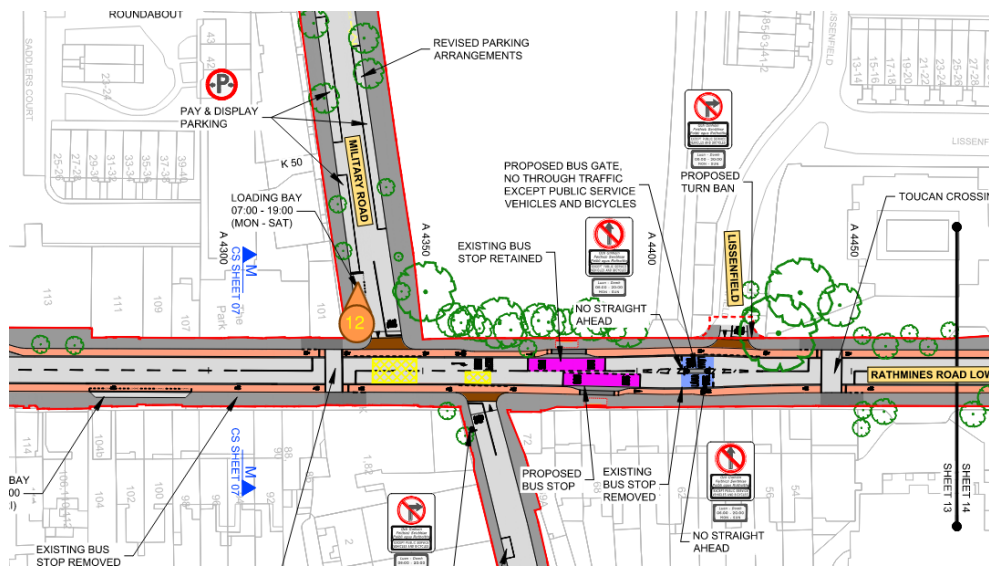



Photo ID	Caption	Date Taken	Coordinates
Rathfarnham Image 13	Construction Compound TR5 will be located on Richmond Street South, on the slip road between Richmond Street South and Harcourt Road,	16/01/2023	715600, 732762 (ITM)



Key plan

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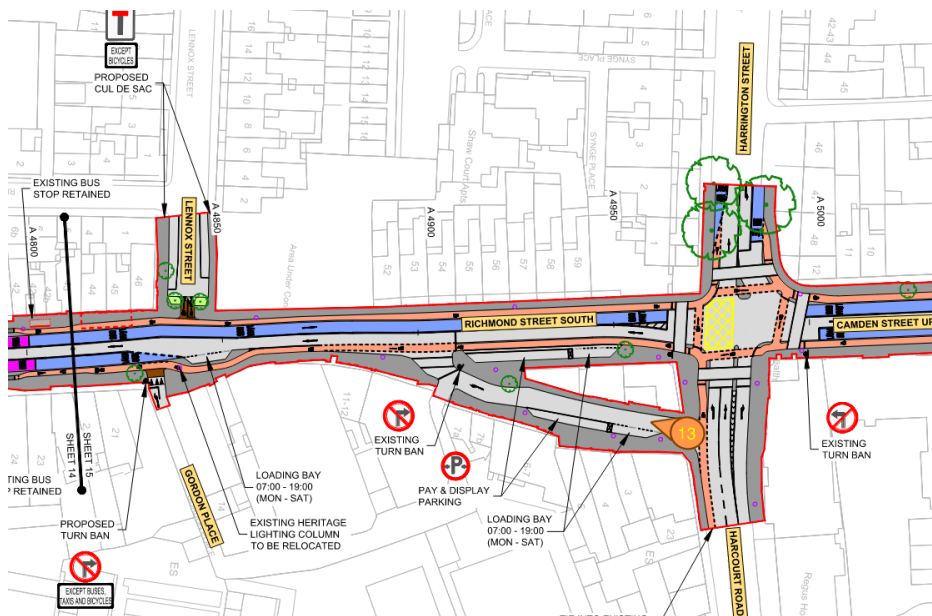


Photo ID	Caption	Date Taken	Coordinates
Rathfarnham Image 14	Construction Compound TR6 will be located on Spawell Link Road, between Spawell Roundabout and Firhouse Road,	16/01/2023	712244, 728162 (ITM)



Key plan



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with triangle denoting approximate direction of photo

