



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 physical walkovers of the proposed scheme. The walkovers occurred on 20 January 2020 and 7 July 2021.

Not all observations have been included in this summary for conciseness. Typically, only observations that could not have been determined from the 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 of the environmental impact assessment.

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

1.2 Summary

Table 1: Scheme Walkover Summary

Observation	General Arrangement Drawing Sheet Number*	Description	Possible Impact	Photo Number
Hermitage Golf Club retaining wall	Sheet 3	The wall sits between the golf club and the N4. It appears to be acting as a retaining wall. This may have an impact if it is changed to accommodate cycle lanes.	This may pose an issue for the earthworks balance and waste assessment.	Lucan_image03.
Footbridge	Sheet 8	There is earth embankment/slope noted at this location. There is a significant difference between the current road level and the embankment. The current make-up of the embankment is unknown.	This may pose an issue for the earthworks balance and waste assessment.	Lucan_image06.
King's Hospital	Sheet 9	There is a significant level change (up to 3m in places) between the existing green verge in King's Hospital and the existing road.	This may pose an issue for the earthworks balance and waste assessment.	Lucan_image07.
Construction compound	Sheet 15	A potential construction compound is to be located within the green area between the Old Lucan Road and The Oval. It is likely that the topsoil will be stripped, and level changes will be required at this location to accommodate the works.	This may pose an issue for the earthworks balance and waste assessment	Lucan_image10.
Chapelizod Hill Road	Sheet 20	There are proposed ramps and steps to be installed in this area to enable pedestrian access to proposed bus stops from Chapelizod. There is potential for significant earthworks in this area to achieve the design levels.	This may pose an issue for the earthworks balance and waste assessment. Excavation of this slope may also induce instability along the scheme.	Lucan_image 11 & 12.
Heuston Station	Sheet 31	Historic activities in railway siding may have resulted in oil or chemical leaks into the surrounding soils and groundwater in the past.	This may pose an issue for the earthworks balance and waste assessment and mobilising contaminants into the groundwater.	Lucan_Image 13
Construction Compound	Sheet 25	A potential construction compound is to be located to the south-west of the junction of the R148 Chapelizod Bypass / R833 Con Colbert Road. It is likely that the topsoil will be stripped, and level changes will be required at this location to accommodate the works.	This may pose an issue for the earthworks balance and waste assessment	Lucan_Image 14
Construction Compound	Sheet 06	A potential construction compound is to be located adjacent the existing local authority compound immediately north-east of the N4 Junction 2. It is likely that the topsoil will be stripped, and level changes will be required at this location to accommodate the works.	This may pose an issue for the earthworks balance and waste assessment	Lucan_Image 15

1.3 Photos

Table 2: Scheme Walkover Photos

Photo ID	Caption	Date Taken	Coordinates
Lucan_image03.	Image of Retaining wall between the Hermitage Golf Club and N4	20/01/2020	705417, 735494 (ITM)



Key plan

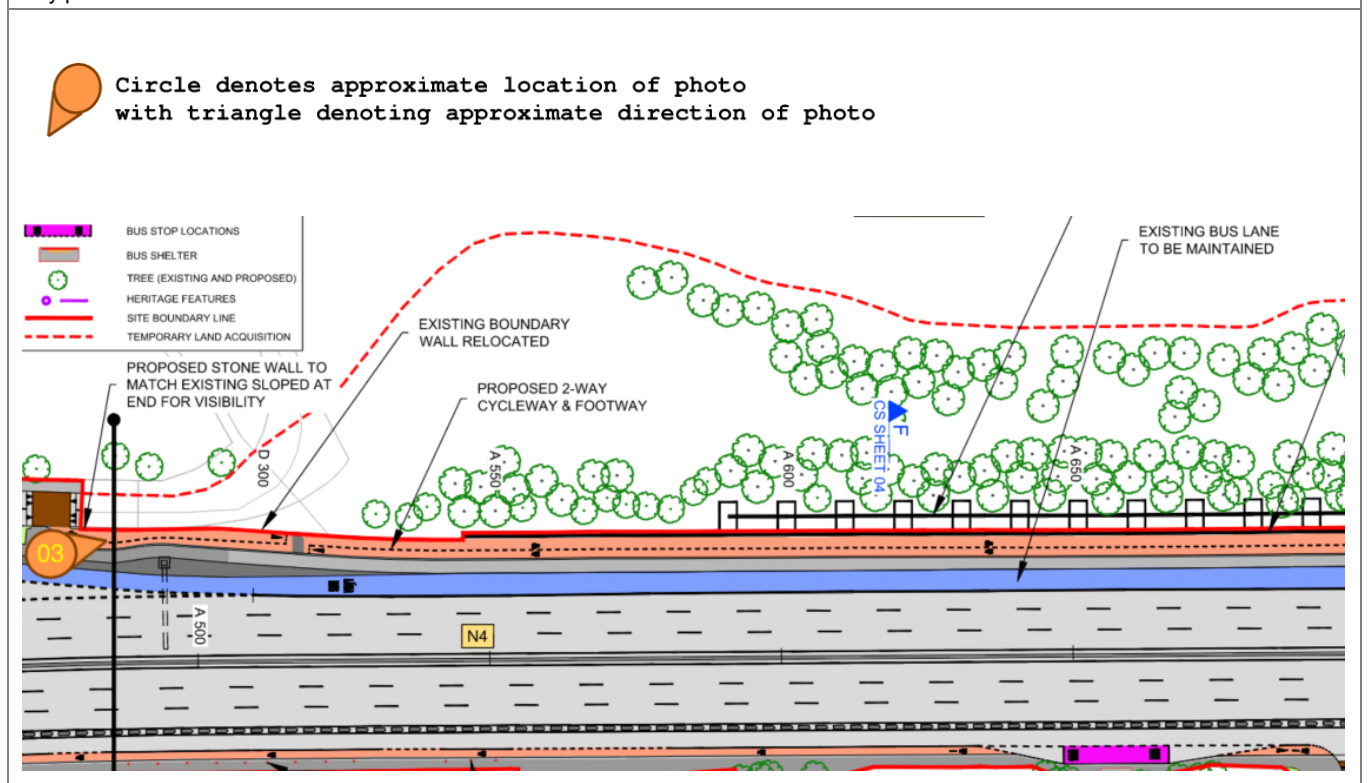



Photo ID	Caption	Date Taken	Coordinates
Lucan_image06.	Image of area where a new footbridge is proposed	20/01/2020	706978, 735199 (ITM)



Key plan

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

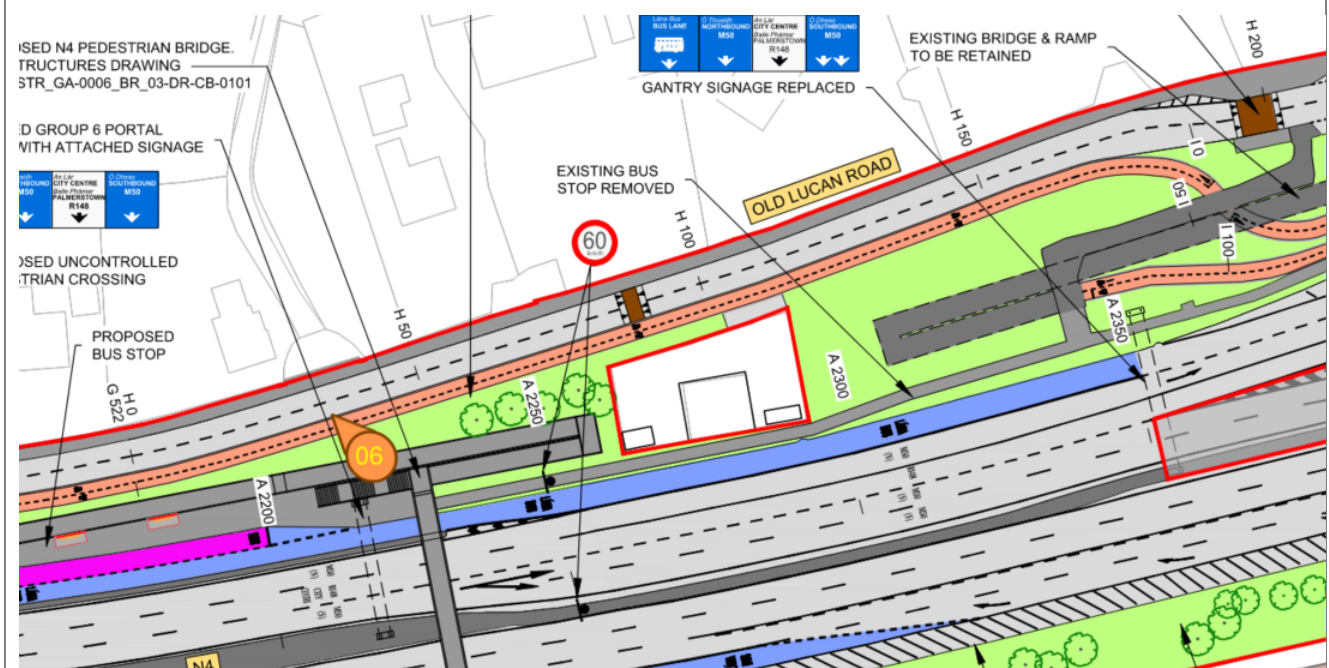


Photo ID	Caption	Date Taken	Coordinates
Lucan_image07.	Image of verge within King's Hospital	20/01/20	707190, 735260 (ITM)



Key plan

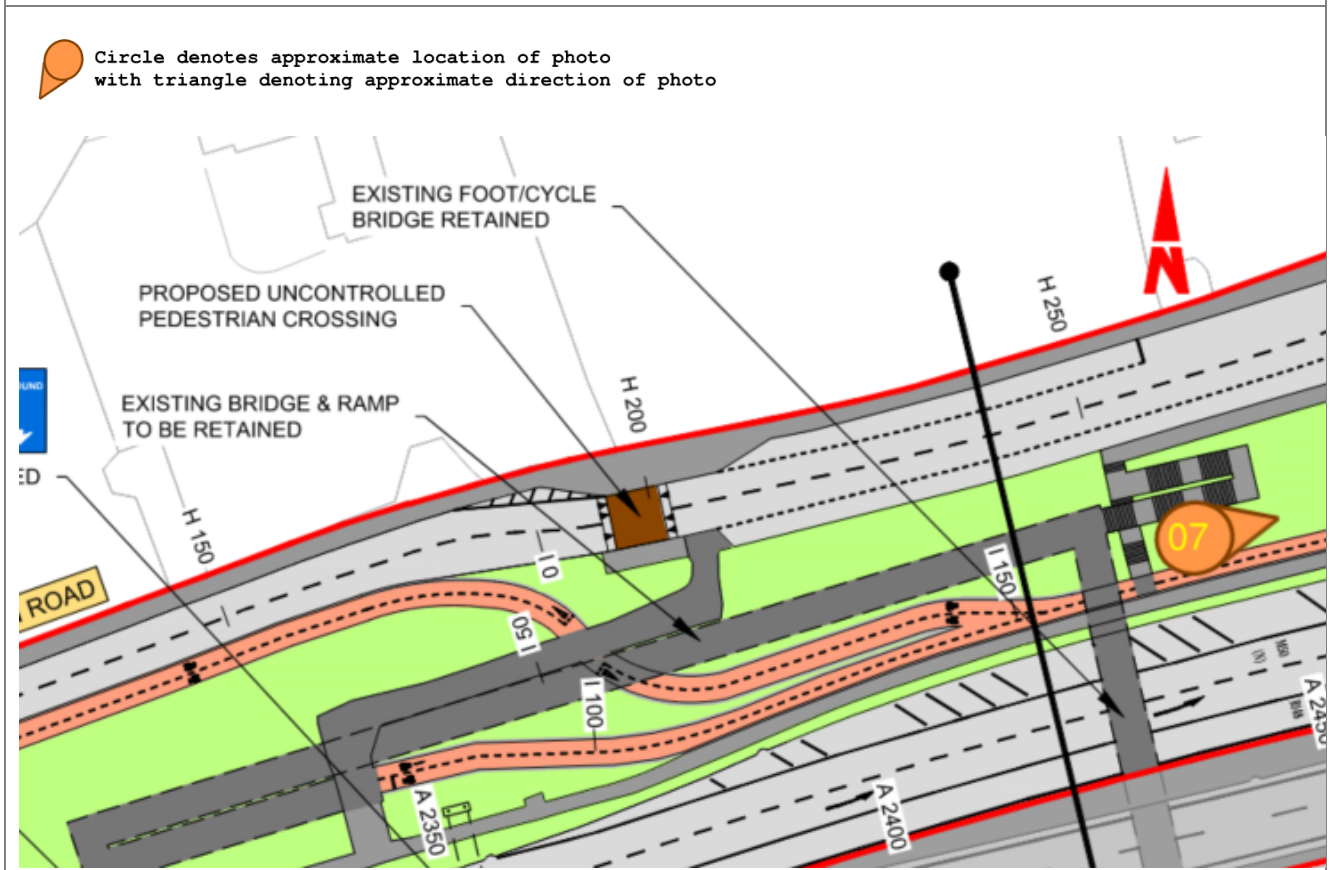



Photo ID	Caption	Date Taken	Coordinates
Lucan_image10	Image of proposed location for a potential construction compound at The Oval	07/07/2021	708673, 734952 (ITM)



Key plan

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

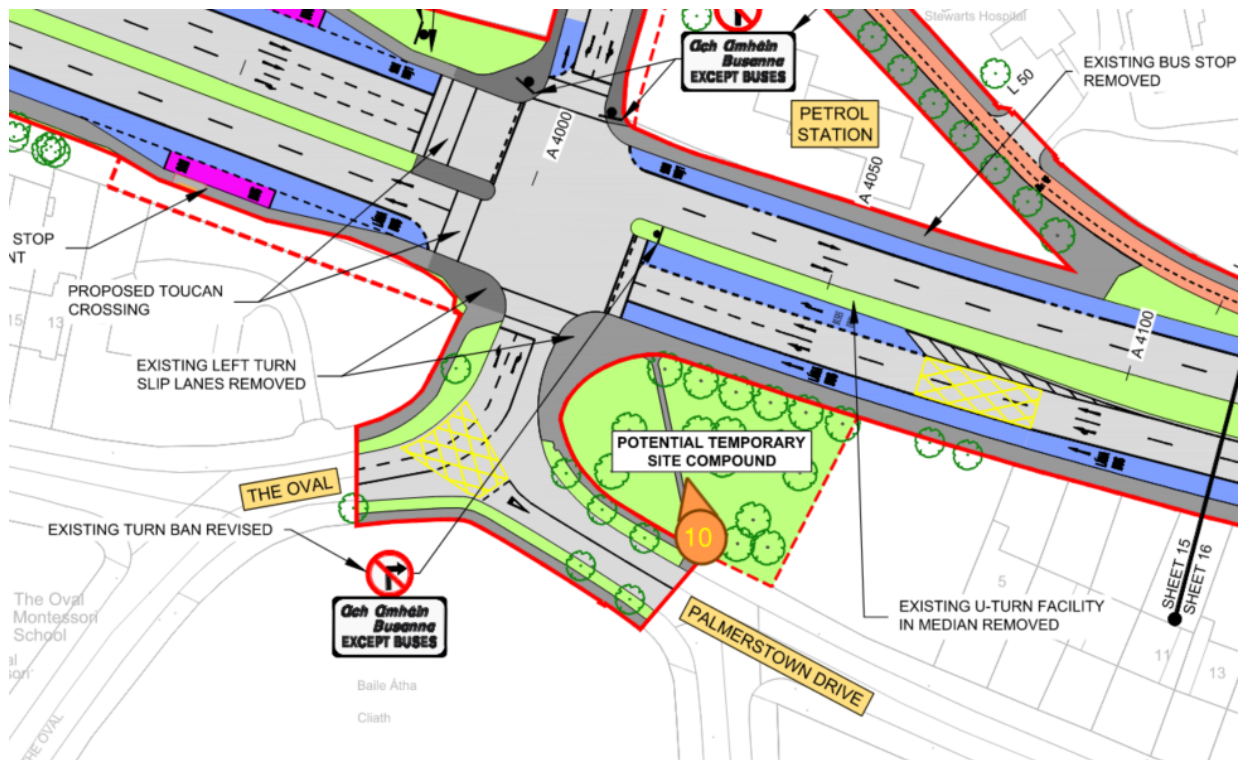



Photo ID	Caption	Date Taken	Coordinates
Lucan_image11	Image of Chapelizod Hill Road Bridge.	07/07/2021	710003, 734246 (ITM)



Key plan

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

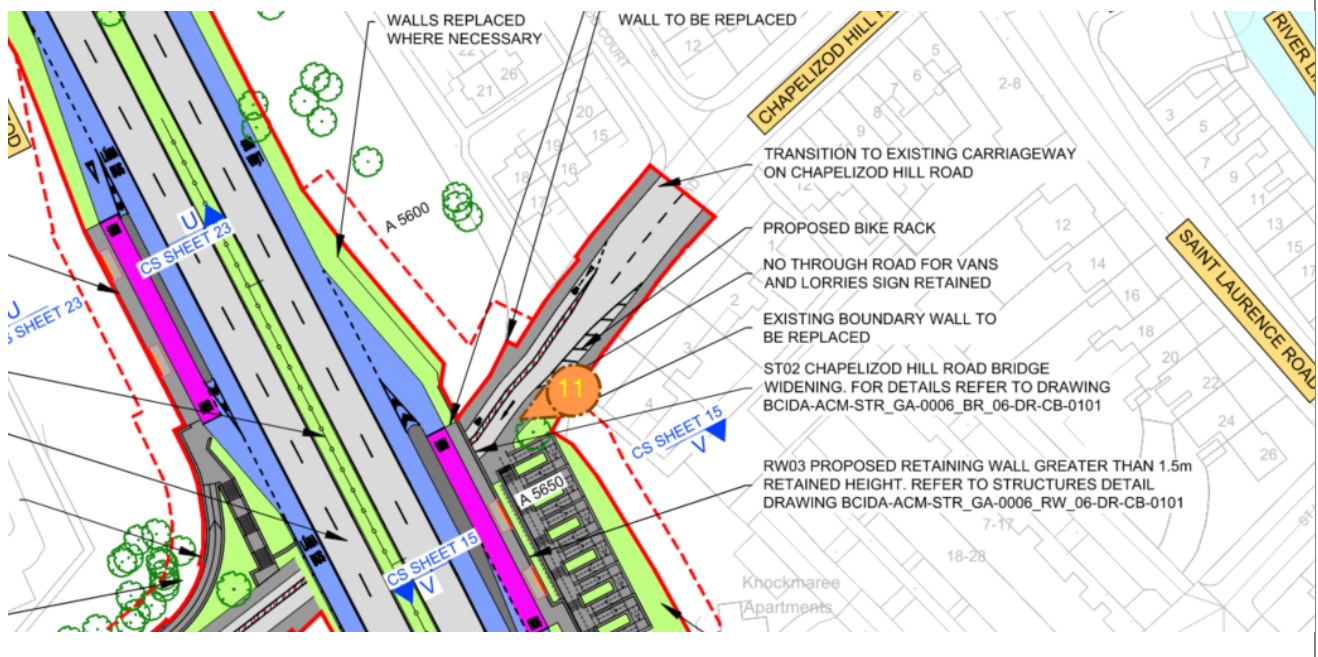


Photo ID	Caption	Date Taken	Coordinates
Lucan_image12	Image of the Chapelizod Bypass from the Chapelizod Hill Road Bridge.	07/07/2021	710009, 734251 (ITM)



Key plan



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

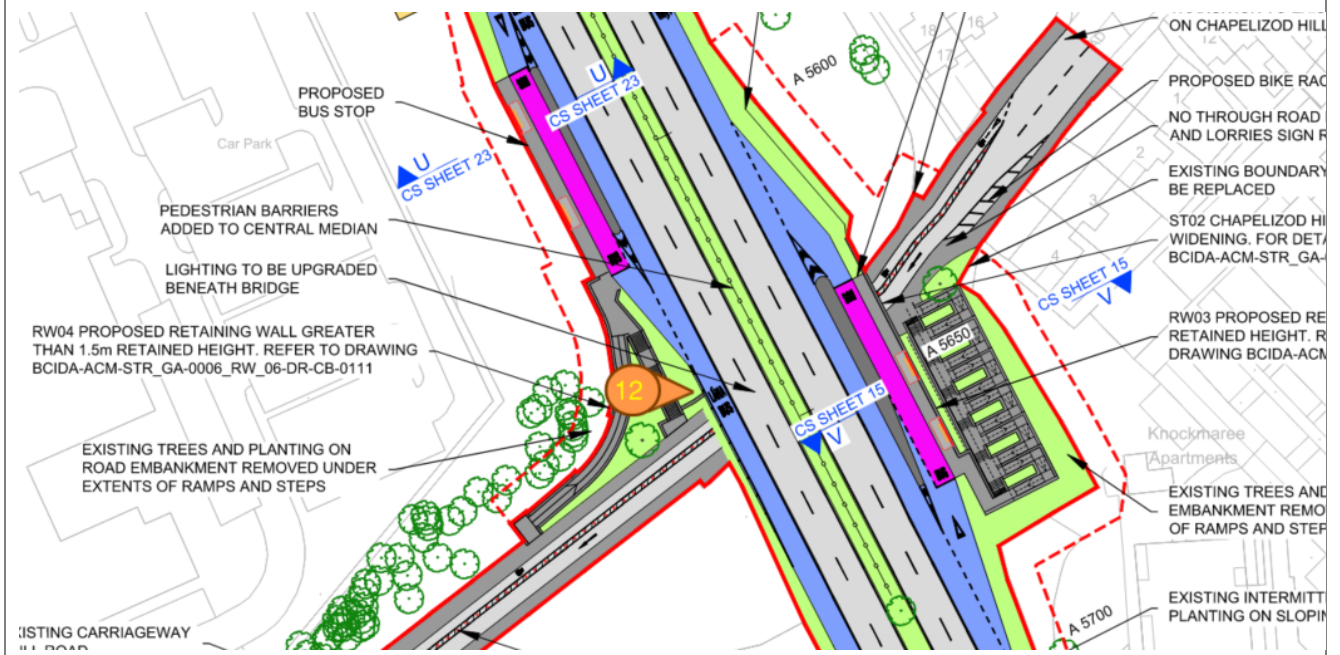




Photo ID	Caption	Date Taken	Coordinates
Lucan_image13	Image of the Heuston Station	20/01/20	713721, 734287 (ITM)



Key plan

 Circle denotes approximate location of photo
 Triangle denoting approximate direction of photo

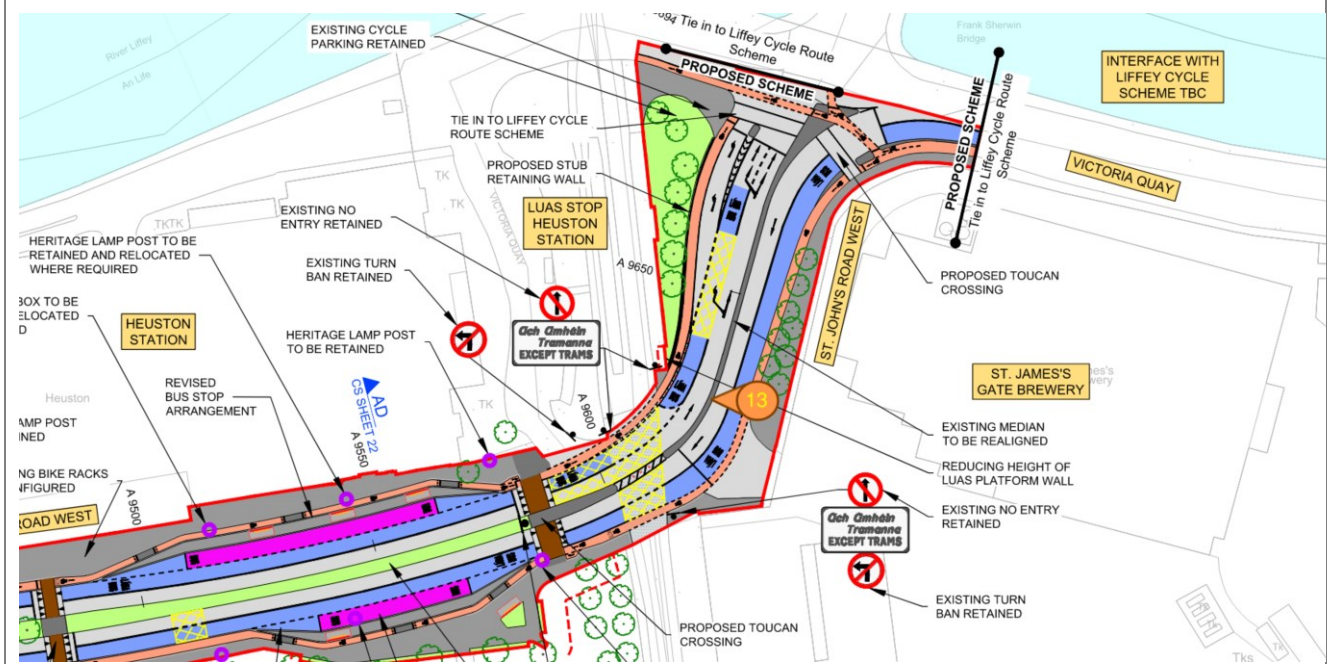


Photo ID	Caption	Date Taken	Coordinates
Lucan_image14	Image of the location of a potential construction compound on the Con Colbert Road	07/07/2021	711713, 733823 (ITM)



Key plan



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

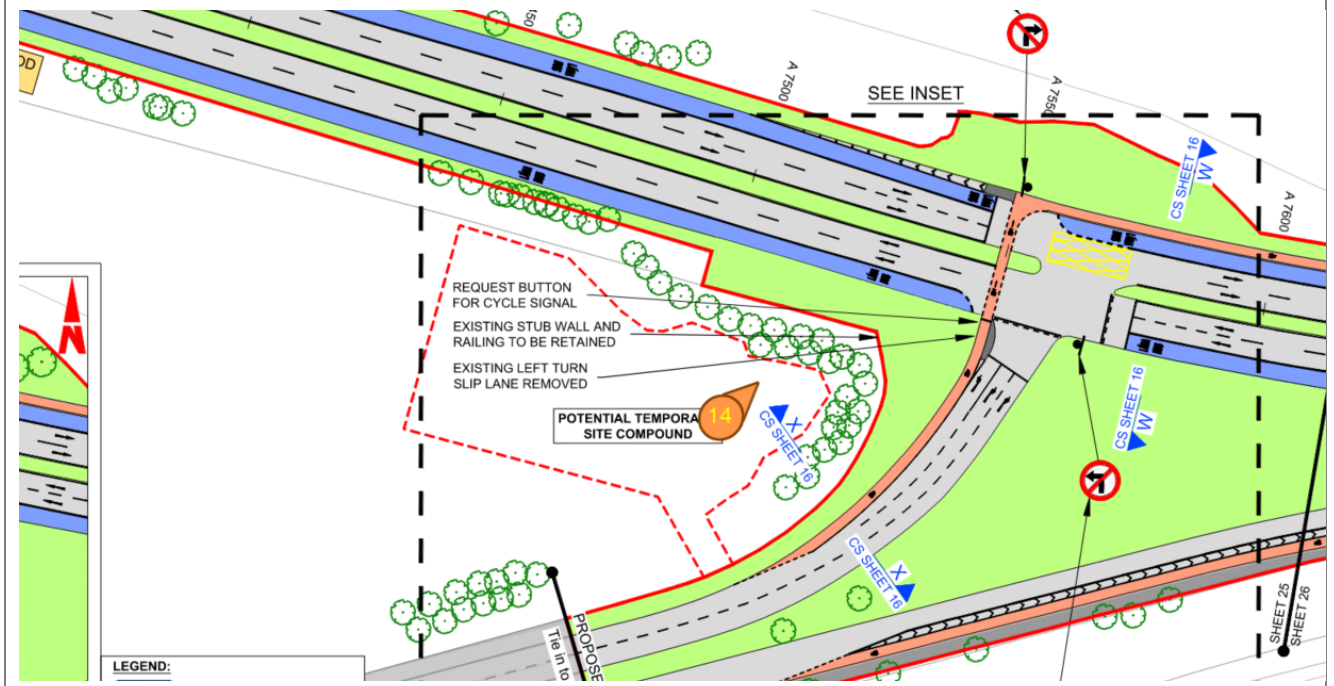


Photo ID	Caption	Date Taken	Coordinates
Lucan_image15	Image of the location of a potential construction adjacent the existing local authority compound immediately north-east of the N4 Junction 2.	07/07/2021	706491, 735318 (ITM)



Key plan



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

