

A1 Birtley to Coal House

Scheme Number: TR010031

Applicants Response to ExA Second Written Questions – Appendix 2.3A – Technical Note on Junction 67 Compound

Planning Act 2008

Rule 8(1)(b)

The Infrastructure Planning (Examination
Procedure Rules) 2010



Infrastructure Planning

Planning Act 2008

The Infrastructure Planning (Examination Procedure Rules) 2010

The A1 Birtley to Coal House Development Consent Order 20[xx]

Response to ExA Second Written Questions – Appendix 2.3A – Technical Note on Junction 67

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A1 Birtley to Coal House- Junction 67 Compound-Additional Narrative

Introduction

- 1.1 Further to the Technical Note reference MS-A1B2C-TN-001, the A1B2CH Outline Construction Environmental Management Plan **[REP4-022 and REP4-023]**, and the A1B2CH Environmental Statement – Figure 2.2 Environmental Constraints Plan **[APP-039]**, Morgan Sindall have been requested to provide further justification and narrative on the choice and usage of the Junction 67 (Coal House) Construction Compound.
- 2.1 This report refers to Figure 1 -Location of Proposed Construction Compounds Detailed View Junction 67. This details the proposed compound layout at this location.

Overview

- 3.1 The proposed compound at Junction 67 occupies a total area of approximately 56331m², with access off Lamesley Road. It is intended to be the main construction compound with the satellite compound located at Junction 66 (Eighton Lodge). The Junction 67 compound will serve as a base for activities associated with the Allerdene viaduct, Allerdene embankments and associated works, Kingsway viaduct and Roadworks in the Northern section of the scheme. However, it is relatively large given the substantial bridge and embankment works that it must support. One of the reasons that a larger site area is required for the compound is due to the sterilizing impact of the overhead cables on the area underneath them, which will be restricted to parking or storage uses.

Compound Details

- 4.1 The layout will likely be as detailed and annotated on Figure 1 with the following elements included within this compound:
- 5.1 General- The compound will be bounded by a secure perimeter fence with a gated access and manned security. There will be a part surfaced access route into and around the compound which will operate as a one-way system. The existing topsoil within the footprint of the compound will be stripped and temporarily stored as shown on the figure to act as a screening bund to Lamesley road and properties to the South of the compound. The compound will generally be covered with hardcore excepting parking areas which will be surfaced. The projected necessary areas will be 4664m² permanent

acquisition, 49903m² temporary possession and use; and 1765m² permanent acquisition of rights over subsoil (including temporary possession and use of land).

- 6.1 Overhead Cable- An existing overhead cable spans above the compound site, at a high level. It will be necessary to ensure that no lifting operations are carried out beneath or within the zone of influence of this cable and may introduce control measures and/or exclusion zones. This reduces the useable area for certain activities and increases the necessary land take by approximately 1200 m².
- 7.1 Item A- This will be a manned security cabin which will provide security, vehicle movement logging, and delivery vehicle direction for the compound. The projected necessary areas will be approximately 20m².
- 8.1 Item B- This is a surfaced car park for staff and visitors. It will occupy an area of approximately 1500m² and provide delineated spaces for up to 60 cars.
- 9.1 Item C- This is a portacabin type office, fully serviced with kitchen space, meeting room space, and training/induction room space. It is likely to be of size 10m x 40m, single storey construction and will have facilities to cater for up to 50 staff. Staff required to be present on site are expected to include: project managers, senior engineers, surveyors, works managers, foreman, commercial staff, and administration staff will occupy this space. It will also be the intention for subcontract management staff and other stakeholders to co-locate within this space. Although items C and D are portacabins – they serve different functions and have areas reserved around them to provide appropriate separation.
- 10.1 Item D- This is a welfare unit, of size 10m x 20m and will include seating, kitchen, drying, washing and toilets for the workforce.
- 11.1 Item E- This is a surfaced car park of area approximately 1500m² which will provide parking for sub-contractor's vans, pickups and delivery vehicles. It will also provide parking spaces for the main contractor's staff vans and operatives' pick-ups. This area is required to provide parking for sub-contractors and is associated with construction activity whereas Item B is staff/visitor parking.
- 12.1 Items F, G, H, - These areas will include a secure store, manned by a storeman which will provide storage for PPE, small tools, and perishable materials. Adjacent to this will be segregated waste areas and fuel storage areas. The projected necessary areas will be approximately 35m² (Item F), 120m² (Item G) and 120m² (Item H) totalling an area of 275m².
- 13.1 Item I- This area will provide a location for storage and maintenance of construction plant. Items such as excavators, dumpers, tractors, trailers, rollers, telehandlers, lifting apparatus, etc will be stored here. This area will be of approximately 1200m².
- 14.1 Item J- This area will provide a location for material storage. Items such as drainage pipes, manholes, kerbs, reinforcement, formwork, timber, etc will be stored here. This area will be of approximately 1200m².

- 15.1 Item K- This area will provide a location for sub-contractors to store their materials and specialist plant. There are likely to be several sub-contractors on the scheme who will require storage of the following items. Timber fencing, street lighting, safety fencing, parapets, piling, surfacing, grouting and demolition. The projected necessary areas will be approximately 1200m².
- 16.1 Item L- This area will provide an area for temporary storage of aggregates such as pipe bedding, gravels, sands, and sub bases. It will also provide an area for temporary storage of materials from the works such as drainage arisings, piling arisings, foundation arisings and others. This area will be of approximately 8000m².

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