

A1 Birtley to Coal House

Scheme Number: TR010031

6.3 Environmental Statement – Appendix 11.12 Construction Phase Traffic Diversions

APFP Regulation 5(2)(a)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed Forms
and Procedure) Regulations 2009



Infrastructure Planning

Planning Act 2008

**The Infrastructure Planning
(Applications: Prescribed Forms and
Procedures) Regulations 2009**

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

**Environmental Statement -
Appendix**

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| Planning Inspectorate Scheme Reference | TR010031 |
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| Author: | A1 Birtley to Coal House Project Team, Highways England |

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CONTENTS

| | |
|--|----------|
| CONSTRUCTION PHASE TRAFFIC DIVERSIONS | 1 |
| 1.1. DIVERSION ROUTES | 1 |
| 1.2. ANTICIPATED CLOSURES | 2 |

TABLES

| | |
|---|---|
| Table 12-1 – Diversion routes for road closures | 1 |
| Table 12-2 – Anticipated full closures | 2 |

CONSTRUCTION PHASE TRAFFIC DIVERSIONS

1.1. DIVERSION ROUTES

- 1.1.1. When road closures are required to facilitate construction works, these will follow the agreed Area 14 diversions routes, as stated in the Construction Traffic Management Plan (**Ref. 11.30) (Appendix B in the Outline Construction Environmental Management Plan (Application Document Reference: TR010031/APP/7.4)).**
- 1.1.2. These are summarised in **Table 12-1**.

Table 12-1 – Diversion routes for road closures

| Closure | Diversion | Comment |
|--|---|--|
| A1(T) Northbound closure junction 67 (Coal House) to junction 68 (Lobley Hill) | Exit A1(T) at junction 67 (Coal House) Kingsway South & Kingsway North (Team Valley Trading Estate) B1426 Lobley Hill Road Rejoin A1(T) at junction 68 (Lobley Hill) interchange | All main A roads (dual carriageways) subject to existing high traffic volumes. Primarily passes through non-sensitive industrial/commercial area, but next to residential for a small proportion of the route in vicinity of existing A1. |
| A1(T) Southbound closure junction 67 (Coal House) to junction 68 (Lobley Hill) | Exit A1(T) at junction 68 (Lobley Hill) B1426 Lobley Hill Road Kingsway North & Kingsway South (Team Valley Trading Estate) Rejoin A1(T) at junction 67 (Coal House) | |
| A1(T) Northbound closure junction 67 (Coal House) to junction 66 (Eighton Lodge) | Exit A1(T) at junction 66 (Eighton Lodge) A167 to Harlow Hertford Trafford Smithy Lane Lamesley Road Rejoin A1(T) at junction 67 (Coal House) | Combination of main A roads and side roads, mostly rural (more sparsely populated) but passes through/next to some residential areas. |
| A1(T) Southbound closure junction 67 (Coal House) to junction 66 (Eighton Lodge) | Exit A1(T) at junction 67 (Coal House) Lamesley Road Smithy Lane Trafford Hertford A167 Rejoin A1(T) at junction 66 (Eighton Lodge) | |
| A1(T) Northbound closure A1(M) | Exit A1(M) junction 63 A691 A6127 | All main A roads subject to existing |

| Closure | Diversion | Comment |
|---|---|---|
| junction 65 (Birtley) to junction 66 (Eighton Lodge) | Rejoin A1(T) at junction 66 (Eighton Lodge) | moderate traffic volumes. Some sections that pass next to residential areas. |
| A1(T) Southbound Closure junction 65 (Birtley) to junction 66 (Eighton Lodge) | Exit A1(T) at junction 66 (Eighton Lodge) A6127 A693 Rejoin A1(M) at junction 63 | |
| A194(M) Northbound closure junction 65 (Birtley) to Havannah Interchange | Exit A1(M) at junction 64 A195 A182 Rejoin A194 at Havannah interchange | All main A roads (dual carriageways) subject to existing high traffic volumes. Some sections that pass next to residential areas. |
| A194(M) Southbound closure junction 65 to Havannah interchange | Exit A194 at Havannah interchange A182 A195 Rejoin A1(M) at junction 64 | |

1.2. ANTICIPATED CLOSURES

1.2.1. **Table 12-2** presents a summary of the anticipated full closures when traffic would be diverted onto the local road network. This includes the anticipated ‘down’ and ‘up’ closures where traffic would be diverted ‘off’ and ‘on’ the main line using the slip roads at a specific junction.

Table 12-2 – Anticipated full closures

| Item | Activity | Closure | Duration (nights) |
|--------------------|---|-----------------|-------------------|
| Traffic management | Install Phase 1 - Barriers and narrow lanes | Full northbound | 1 |
| | Install Phase 1 - Barriers and narrow lanes | Full southbound | 1 |
| | Switch Phase 1 to Phase 2 - Barriers and narrow lanes | Full northbound | 1 |
| | Switch Phase 1 to Phase 2 - Barriers and narrow lanes | Full southbound | 1 |
| | Switch Phase 2 to Phase 3 - Barriers and narrow lanes | Full northbound | 1 |

| Item | Activity | Closure | Duration (nights) |
|-----------------------|--|---------------------------------|--------------------------|
| | Switch Phase 2 to Phase 3 - Barriers and narrow lanes | Full southbound | 1 |
| | Switch Phase 3 to Phase 4 - Barriers and narrow lanes | Full northbound | 1 |
| | Switch Phase 3 to Phase 4 - Barriers and narrow lanes | Full southbound | 1 |
| | Switch Phase 4 to Phase 5 - Barriers and Narrow lanes | Full northbound | 1 |
| | Switch Phase 4 to Phase 5 - Barriers and Narrow lanes | Full southbound | 1 |
| | 4 Phase traffic switch to divert traffic onto new Allerdene Bridge alignment | Full northbound | 4 |
| | 4 Phase traffic switch to divert traffic onto new Allerdene Bridge alignment | Full southbound | 4 |
| | Removal of all TM at end of Scheme | Full northbound | 1 |
| | Removal of all TM at end of Scheme | Full southbound | 1 |
| North Dene footbridge | Removal of redundant Structure | Full northbound and southbound | 1 |
| | Installation of new structure | Full northbound and southbound | 1 |
| Kingsway Viaduct | Installation of bridge beams and deck works | Northbound down and up closures | 2 |
| Eighton Lodge bridges | Installation of bridge beams and deck works - (may be done under lane closures-further details required) | Southbound down and up closures | 2 |
| Tie-in works | Planing, surfacing, roadworks etc. at tie-ins | Full northbound | 5 |
| | Planing, surfacing, roadworks etc. at tie-ins | Full southbound | 5 |
| General surfacing | Planing and surfacing to mainline that cannot be accommodated within TM - Further investigation required | Full northbound | 10 |

| Item | Activity | Closure | Duration (nights) |
|----------------------|--|--------------------------------|--------------------------|
| | Planing and surfacing to mainline that cannot be accommodated within TM - Further investigation required | Full southbound | 10 |
| Road markings, studs | Installation of permanent road markings after removal of narrow lanes | Full northbound | 5 |
| | Installation of permanent road markings after removal of narrow lanes | Full southbound | 5 |
| Gantries | Installation of northbound Gantries (6 required @2 per night) | Full northbound | 3 |
| | Installation of southbound Gantries (5 required @2 per night) | Full southbound | 3 |
| Superspan gantries | Installation of gantries - eight required | Full northbound and southbound | 8 |

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Registered office Bridge House, 1 Walnut Tree Close, Guildford GU1 4LZ
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