

## APPENDIX 21

# Traffic Management Plan

### Introduction

Traffic movements associated with overhead line construction activities can generate a number of effects as follows:

- Increased traffic movements associated with site set up, tower erection and other related activities leading to disruption and delays for local traffic.
- Noise and vibration impacts from HGV movements both on site and by traffic coming to and from construction sites.
- Air quality impacts from exhaust emissions.
- Dust and nuisance from mud and fines on the road if wheels are not washed.
- Community effects from construction traffic including severance and amenity effects.
- Cumulative effects on local roads if other major construction projects were programmed for the same time as the proposals.

### General Measures

- In consultation with SPT, the contractor would be required to disseminate construction traffic movement information to the public, particularly in advance of the busiest phases of activity or in advance of movements of special loads such as substation transformers.
- Site specific and general traffic management plans (see Figures 1 and 2) would be reviewed jointly with the relevant authorities including the local authorities, road maintenance authorities and the police.
- The contractor would be required to co-ordinate the movements of construction traffic with other major commercial users of unclassified/minor roads (e.g. forestry and minerals operators, other businesses with significant HGV deliveries/fleets).
- The contractor would be required to install visibility mirrors at private accesses being used for construction access where safety issues are identified in relation to turning movements onto public roads.
- The contractor would be required to implement induction procedures and regular up-dates for all drivers to establish and promote an overall culture of safety and awareness of other road users.

### Method of Working

- Loads leaving construction sites will be covered at all times in conditions where dust could be generated and become a nuisance.
- All HGV vehicles will be expected to use site wheel washes when required.
- The contractor would be required to undertake daily inspections to ensure roads are clear of mud and other debris, together with dust suppression during periods of dry weather, at locations where access tracks meet the public roads.
- All vehicles using construction sites will be required to drive safely and to ensure that other users of the area are not endangered.
- All HGV drivers will be briefed on the importance of observing speed limits and driving with care and respect and in particular through residential areas.
- All HGV drivers will be briefed on the importance of allowing traffic to pass safely and of not causing an obstruction to other road users.

- The Police will be contacted prior to any required delivery to site by a heavy load, and all appropriate arrangements will be made.

### Monitoring

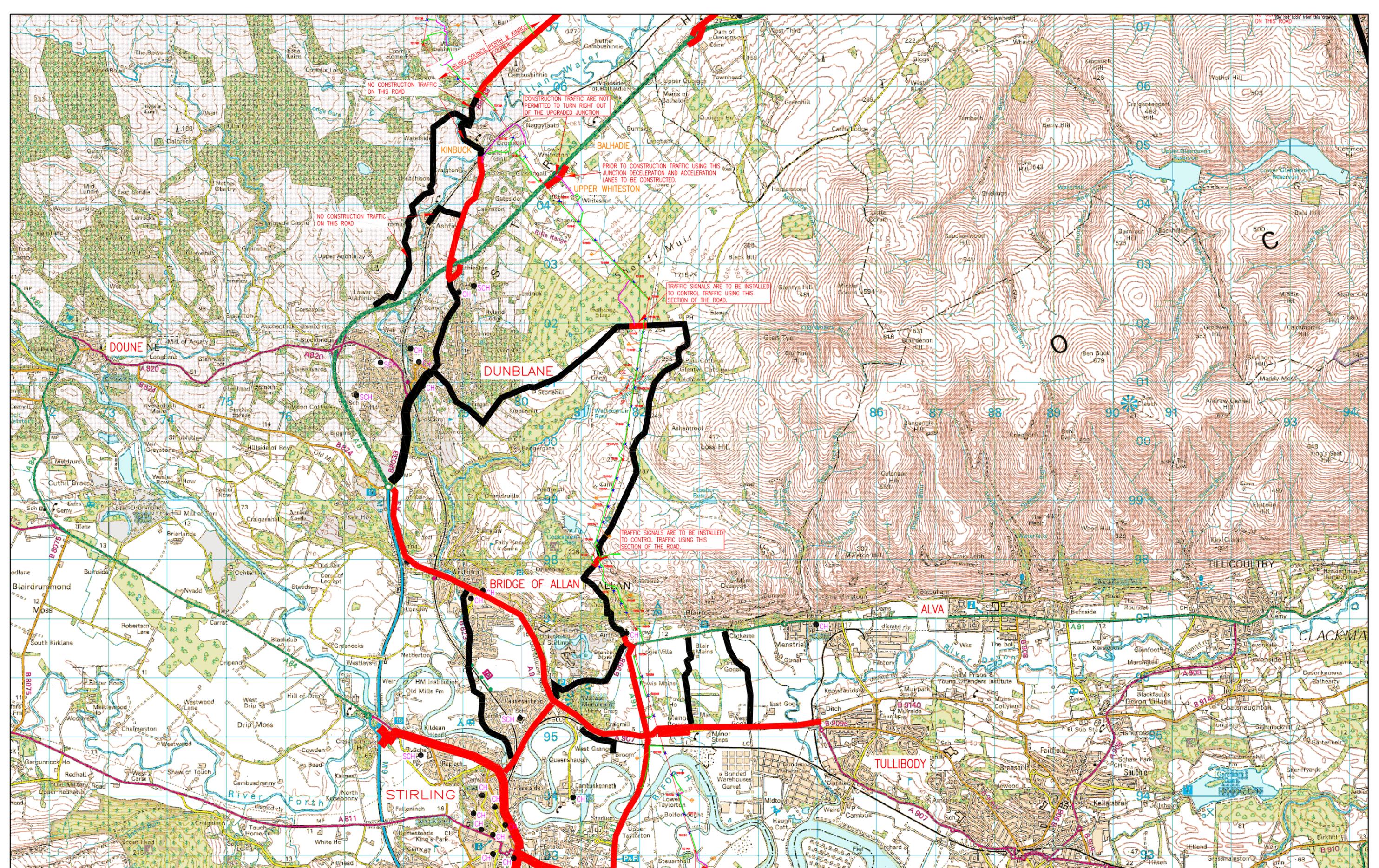
- The implementation and success of all identified mitigation measures will be audited by the Site Manager.
- Daily inspections will be carried out to ensure roads are kept clear of mud and debris and to check on the need to implement dust suppression measures during periods of dry weather.
- Any complaints relating to traffic management from the public will be followed up immediately and wherever feasible mitigation measures will be identified and implemented to ensure that complaints in the future are eliminated.

### Specific Traffic Management Plans

Specific proposals for how traffic will be managed on roads within the Stirling and Falkirk Council areas are set out in Figures 1 and 2. In these plans the roads that are to be used by overhead line construction and dismantling traffic only are marked.







**LEGEND**

- DENOTES ROADS TO BE USED BY TRANSMISSION LINE CONSTRUCTION TRAFFIC ONLY OR TRANSMISSION LINE CONSTRUCTION TRAFFIC AND DISMANTLING TRAFFIC
- DENOTES ROAD TO BE USED BY DISMANTLING TRAFFIC ONLY
- DENOTES ROAD THAT BOTH TRANSMISSION LINE CONSTRUCTION AND DISMANTLING TRAFFIC ARE PROHIBITED FROM USING

EXTRACTED FROM BALFOUR BEATTY POWER NETWORKS – CONSTRUCTION ACCESS REPORT JULY 2006

THIS PLAN IS REPRODUCED FROM OR BASED ON THE OS MAP BY W.A. FAIRHURST AND PARTNERS, WITH THE SANCTION OF THE CONTROLLER OF HM STATIONERY OFFICE. CROWN COPYRIGHT RESERVED. COPYRIGHT LICENCE NUMBER - AL 100018954



BEAULTY TO DENNY POWER GRID LINE ROUTE ASSESSMENT

TRAFFIC MANAGEMENT PLAN STIRLING COUNCIL AREA SHEET 1

**FAIRHURST**

W.A. Fairhurst & Partners  
 100018954  
 17.06.10

Scale	1:20000	CONSTRUCTION			
Drawn	AJR	Checked	SGD	Approved	GLB
Date	25/07/07	Date	17.06.10	Date	17.06.10
Drawn by		Checked by		Approved by	

76098/SC/600

Rev.	Date	Description	Drawn	Checked	Approved
1	17/06/10	ISSUED FOR CONSTRUCTION	DC	SGD	GLB
2	19/06/09	DRAWING TITLE SHEET REVISED	DC		

