

# A9 Dualling: Luncarty to Pass of Birnam Environmental Statement

Volume I: Main Report

March 2014





#### Contents

## Volume 1: Main Report

Non-T	echnical Summary				
Glossa	ary				
Abbrev	Abbreviations				
1	Introduction				
1.1	Background	1			
1.2	Luncarty to Pass of Birnam	2			
1.3	The Proposed Scheme	2			
1.4	Statutory Context for EIA	2			
1.5	Environmental Statement (ES)	3			
1.6	The Assessment Team	4			
1.7	Reviews and Comments	5			
1.8	References	6			
2	Need for the Scheme				
2.1	Introduction	1			
2.2	The A9 Trunk Road	1			
2.3	National Context for Dualling	1			
2.4	Programme-Level Review	2			
2.5	Local Context for Dualling	4			
2.6	References	4			
3	Alternatives Considered				
3.1	Introduction	1			
3.2	The Proposed Scheme – Assessment and Development	1			
3.3	References	3			
4	The Proposed Scheme				
4.1	Introduction	1			
4.2	Scheme Procurement	1			
4.3	Sustainable Development Policy	1			
4.4	Traffic Conditions	2			
4.5	Scheme Design	2			
4.6	Summary of the Proposed Scheme	3			
4.7	Construction Methods and Programme	8			
4.8	References	10			
5	Overview of Assessment Process				
5.1	Introduction	1			
5.2	Scope and Guidance	1			
5.3	Environmental Reporting	3			
5.4	References	5			
6	Consultation and Scoping				
6.1	Introduction	1			
6.2	Approach and Methods	2			

6.3	Consultation Summary	4
6.4	Key Issues Raised by Consultees	4
6.5	References	6
7	Community and Private Assets	
7.1	Introduction	1
7.2	Approach and Methods	1
7.3	Baseline Conditions	11
7.4	Potential Impacts	20
7.5	Mitigation	31
7.6	Residual Impacts	34
7.7	References	37
8	Geology, Contaminated Land and Groundwater	
8.1	Introduction	1
8.2	Approach and Methods	2
8.3	Baseline Conditions	7
8.4	Potential Impacts	14
8.5	Mitigation	21
8.6	Residual Impacts	22
8.7	References	23
9	Road Drainage and the Water Environment	
9.1	Introduction	1
9.2	Approach and Methods	1
9.3	Baseline Conditions	13
9.4	Potential Impacts	35
9.5	Mitigation	62
9.6	Residual Impacts	74
9.7	References	75
10	Ecology and Nature Conservation	
10.1	Introduction	1
10.2	Approach and Methods	2
10.3	Baseline Conditions	10
10.4	Potential Impacts	26
10.5	Mitigation	37
10.6	Residual Impacts	43
10.7	References	
11	Landscape	
11.1	Introduction	1
11.2	Approach and Methods	2
11.3	Baseline Conditions	5
11.4	Potential Impacts	10
11.5	Mitigation	11
11.6	Residual Impacts	17
11.7	References	21

12	Visual	
12.1	Introduction	1
12.2	Approach and Methods	1
12.3	Baseline Conditions	4
12.4	Potential Impacts	6
12.5	Mitigation	7
12.6	Residual Impacts	8
12.7	References	11
13	Cultural Heritage	
13.1	Introduction	1
13.2	Approach and Methods	1
13.3	Baseline Conditions	8
13.4	Potential Impacts	14
13.5	Mitigation	20
13.6	Residual Impacts	22
13.7	References	25
14	Air Quality	
14.1	Introduction	1
14.2	Approach and Methods	3
14.3	Baseline Conditions	8
14.4	Potential Impacts	11
14.5	Mitigation	14
14.6	Residual Impacts	16
14.7	References	16
15	Noise and Vibration	
15.1	Introduction	1
15.2	Approach and Methods	1
15.3	Baseline Conditions	9
15.4	Potential Impacts	11
15.5	Mitigation	19
15.6	Residual Impacts	20
15.7	References	21
16	Effects on all Travellers	
16.1	Introduction	1
16.2	Approach and Methods	3
16.3	Baseline Conditions	9
16.4	Potential Impacts	19
16.5	Mitigation	27
16.6	Residual Impacts	31
16.7	References	39
17	Materials	
17.1	Introduction	1
17.2	Approach and Methods	3
17.3	Baseline Conditions	4
17.4	Potential Impacts	6

17.5	Mitigation	10
17.6	Residual Impacts	12
17.7	References	13
18	Policies and Plans	
18.1	Introduction	1
18.2	Approach and Methods	2
18.3	Summary of Plans and Policies	3
18.4	Assessment of Compliance	12
18.5	Summary of Policy Assessment	18
18.6	References	19
19	Cumulative Impacts	
19.1	Introduction	1
19.2	Approach and Methods	1
19.3	Potential Cumulative Impacts	3
19.4	Conclusions	5
19.5	References	5
20	Schedule of Environmental Commitments	
20.1	Introduction	1
20.2	Mitigation Schedules	1
21	Summary of Significant Residual Impacts	
21.1	Introduction	1

### **Volume 2: Technical Appendices**

Please see Volume 2 folder for Appendices A4.1 to A18.2.

## Volume 3: Figures

Please see Volume 3 folder for Figures 1.1 to 16.3.