



A9 Dualling Programme

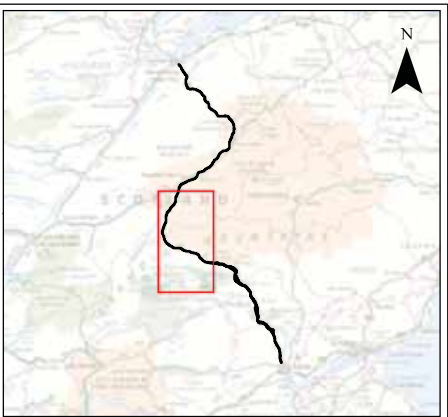
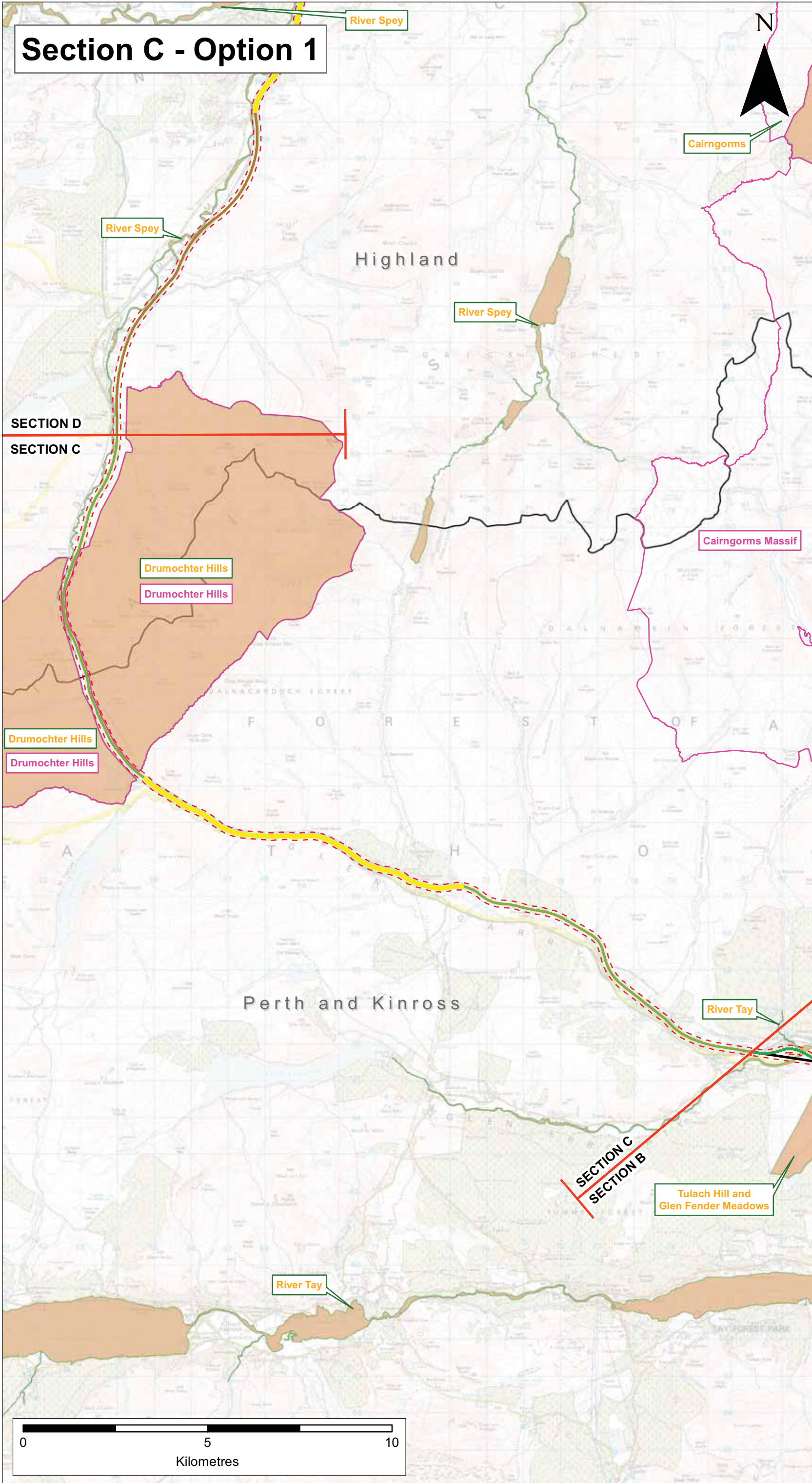
SEA Environmental Report

Appendix D3

GIS Constraint Mapping – A9 Section C

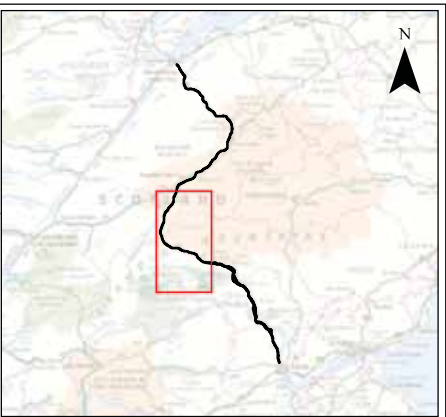
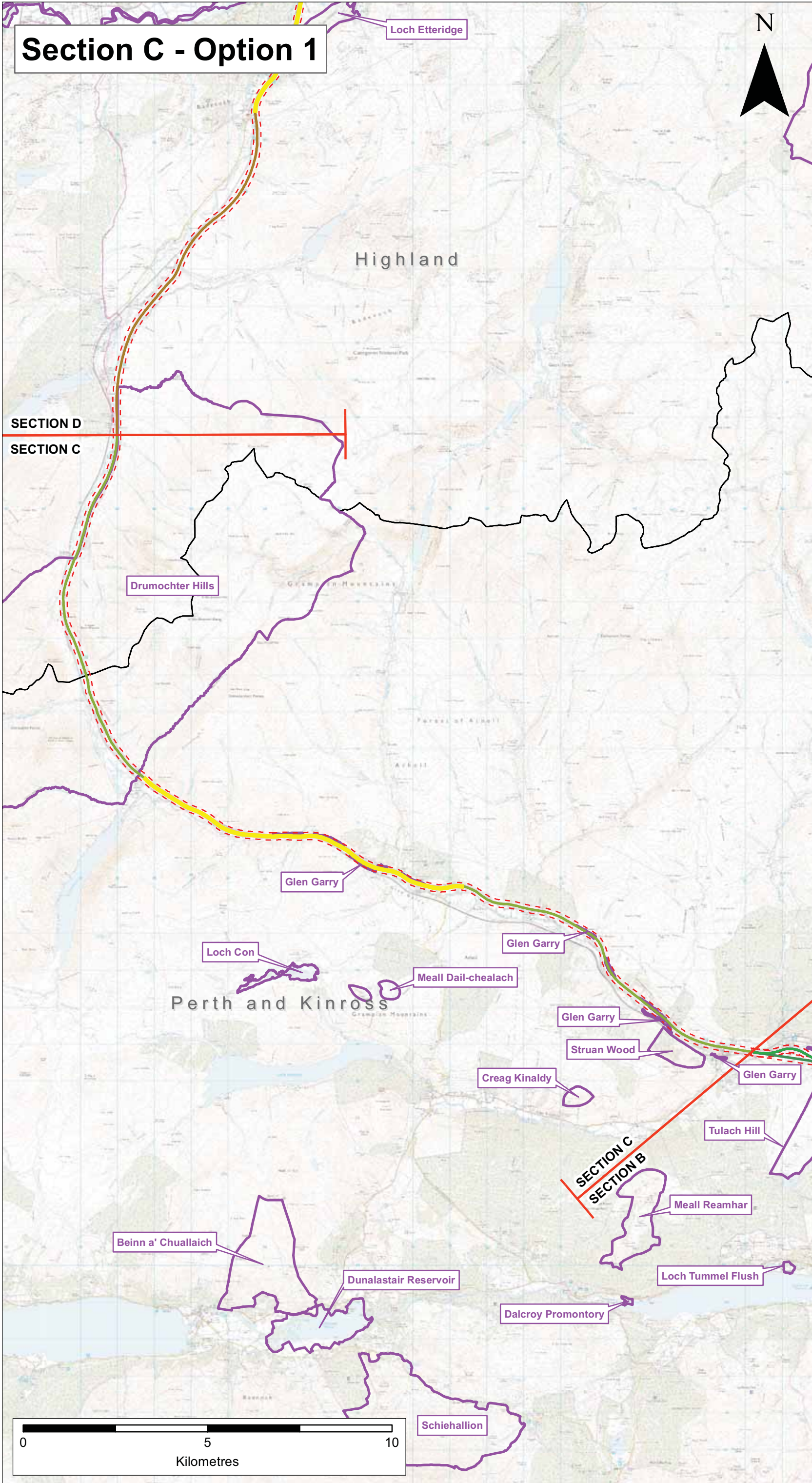
June 2013





- Legend**
- A9 Section Breaks
 - Dual Carriageway
 - A9 Options**
 - Section B Option 1
 - Section B Option 2
 - Section B Option 4
 - Section B Option 5
 - Section C Option 1
 - Section D Option 1
 - A9 200m Buffer
 - SPA
 - SAC

Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
 					
Burslem Park, Swindon, SN4 0DD +44 (0)1793 812479 					
Project: A9 Dualling Strategic Environmental Assessment					
Drawing: A9 Biodiversity, Flora & Fauna - Natura and Ramsar Sites					
Drawn by: Tim Hughes			Date: 09/09/2013		
Checked by: Zahid Mla			Date: 09/09/2013		
Approved by: John Fox			Date: 09/09/2013		
Drawing No: TSSEA9\ER\C\001					Rev A
Drawing scale: 1:100,000					



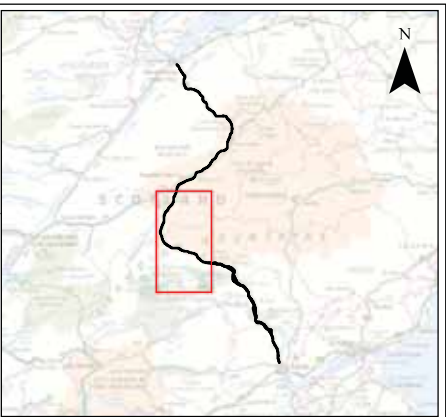
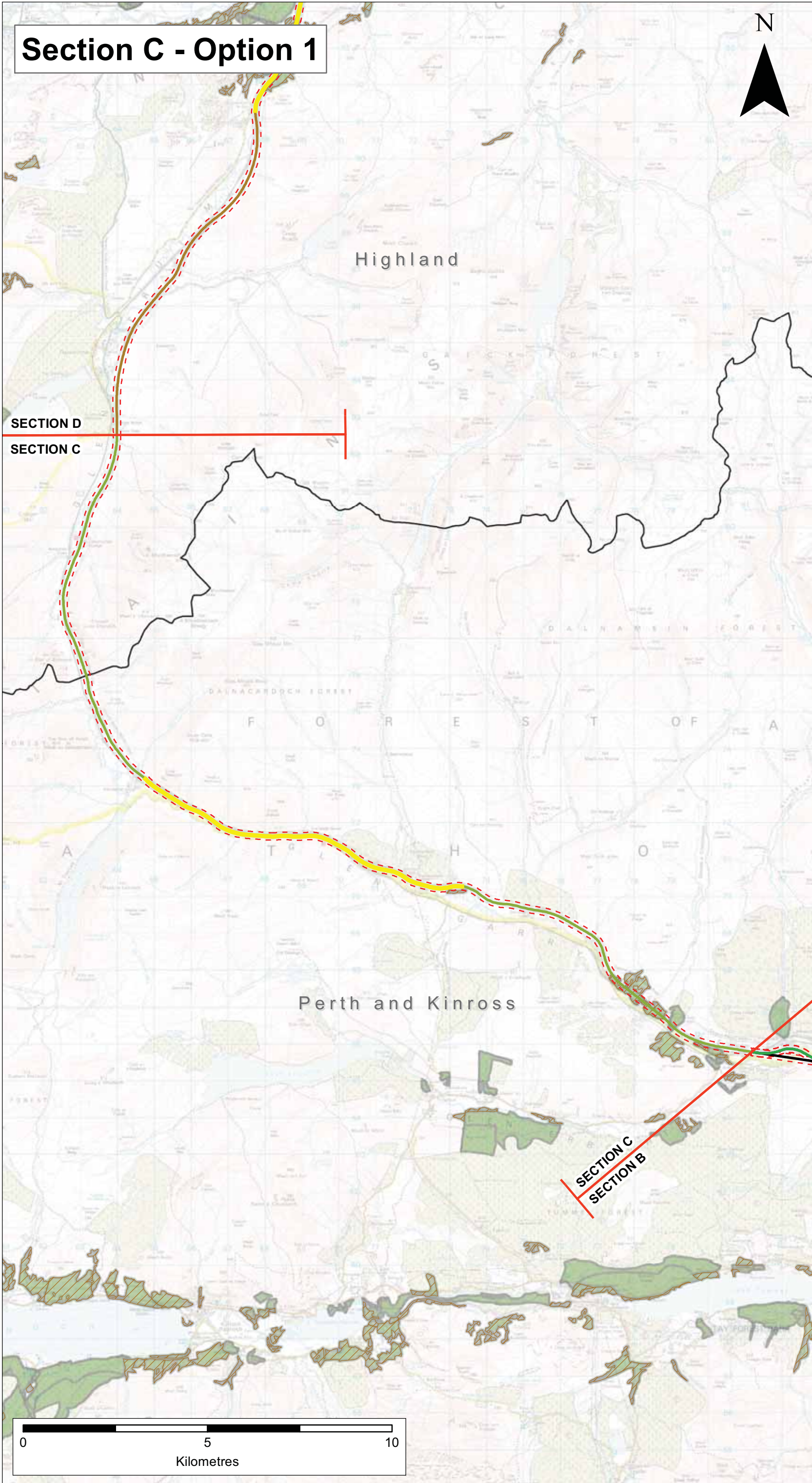
- Legend**
- SSSI
 - Dual Carriageway
 - A9 Section Breaks
 - A9 200m Buffer
- A9 Options**
- Section B Option 1
 - Section B Option 2
 - Section B Option 4
 - Section B Option 5
 - Section C Option 1
 - Section D Option 1

Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF

Burdens Park, Swindon, SN4 0DD +44 (0)1793 812479	

Project: A9 Dualling Strategic Environmental Assessment	
Drawing: A9 Biodiversity, Flora & Fauna - SSSI Sites and National Nature Reserves	
Drawn by:	Tim Hughes
Checked by:	Zahid Ma
Approved by:	John Fox
Drawing No:	TSSEA9\ER\C\002
Rev	A

Drawing scale:	1:100,000
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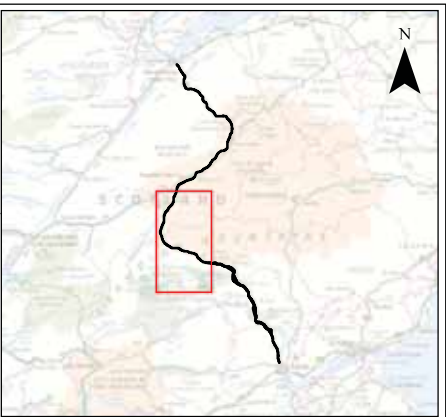
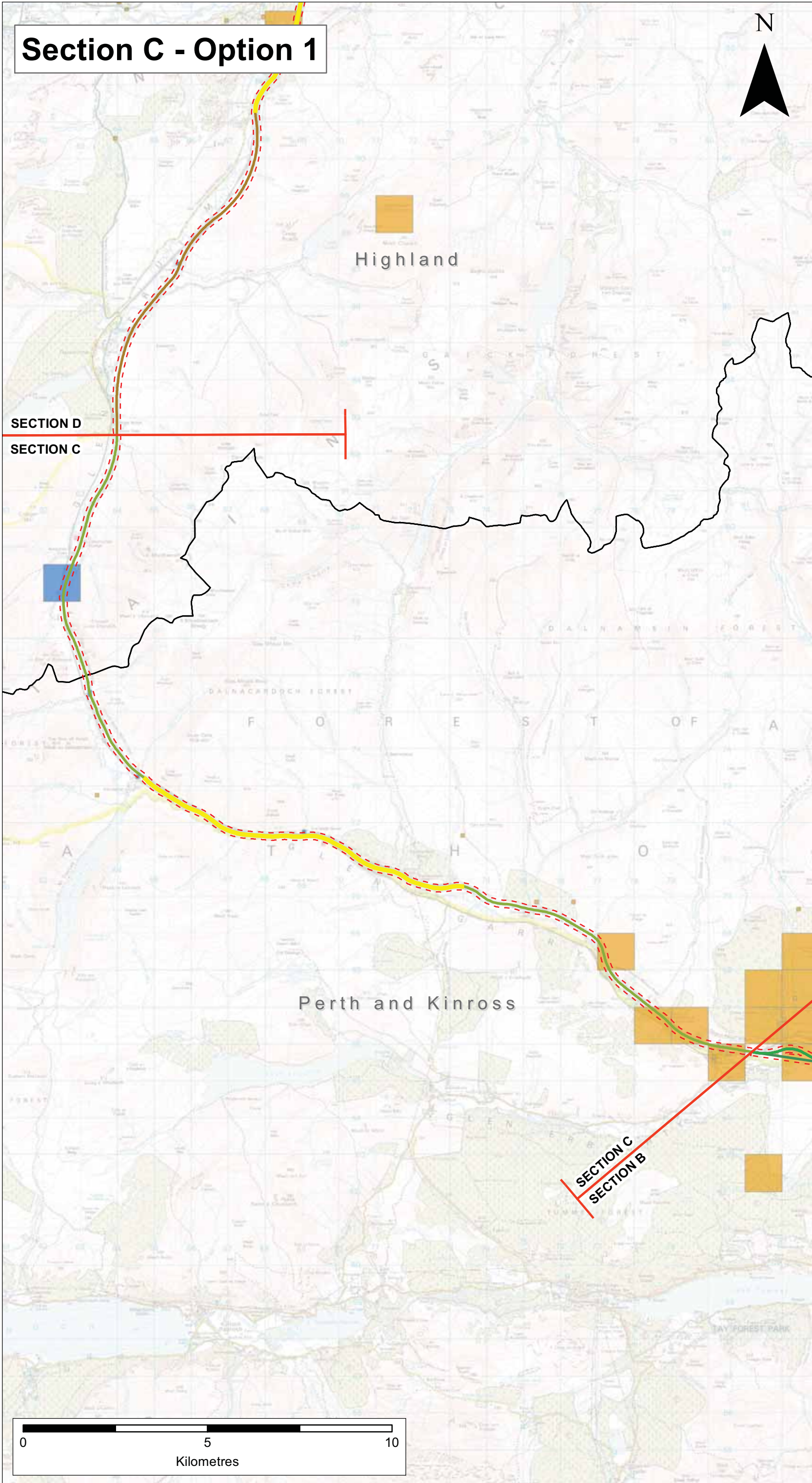
- Legend**
- Semi Natural Ancient Woodland
 - Ancient Woodland
 - Dual Carriageway
 - A9 Section Breaks
 - A9 200m Buffer

- A9 Options**
- Section B Option 1
 - Section B Option 2
 - Section B Option 4
 - Section B Option 5
 - Section C Option 1
 - Section D Option 1

Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF

Burslem Park, Swindon, SN4 0DD +44 (0)1793 812479	

Project: A9 Dualling Strategic Environmental Assessment	
Drawing: A9 Biodiversity, Flora & Fauna - Ancient Woodland and Semi-Natural Ancient Woodland	
Drawn by: Tim Hughes	Date - 30/04/2013
Checked by: Zahid Mla	Date - 30/04/2013
Approved by: John Fox	Date - 30/04/2013
Drawing No: TSSEA9\ER\C\003	Rev A
Drawing scale: 1:100,000	



Legend

Species

European Otter

Eurasian Red Squirrel

Dual Carriageway

A9 Section Breaks

A9 200m Buffer

A9 Options

Section B Option 1

Section B Option 2

Section B Option 4

Section B Option 5

Section C Option 1

Section D Option 1

Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF



Burleigh Park,
Swindon, SN4 0DD
+44 (0)1793 812479



Project:
A9 Dualling Strategic
Environmental Assessment

Drawing:
A9 Biodiversity, Flora & Fauna - National
Biodiversity Network Species Data

Drawn by:
Tim Hughes

Checked by:
Zahid Msa

Approved by:
John Fox

Date - 09/09/2013

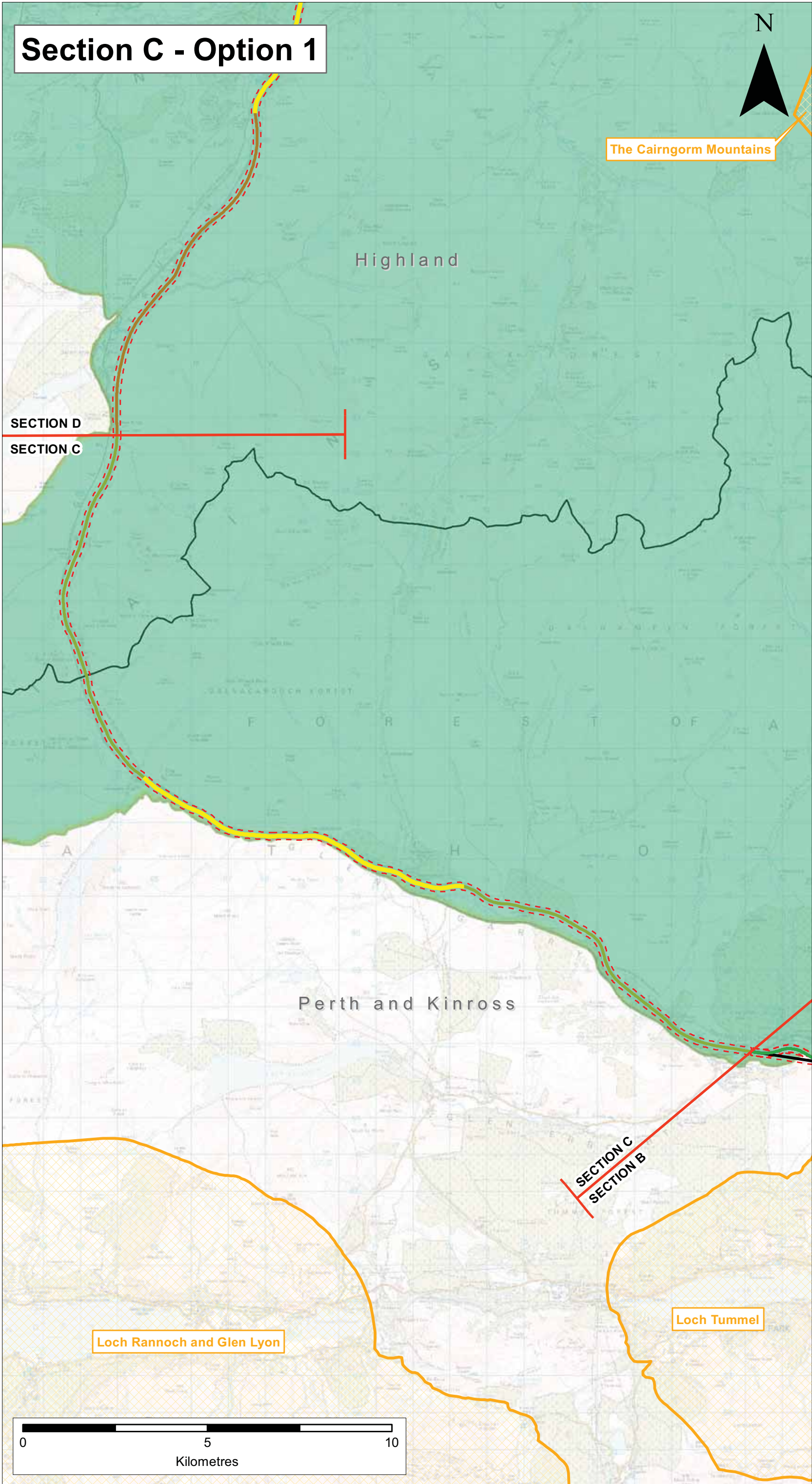
Date - 09/09/2013

Date - 09/09/2013

Drawing No:
TSSEA9\ER\C\004

Rev
A

Drawing scale: 1:100,000



Section C - Option 1

The Cairngorm Mountains

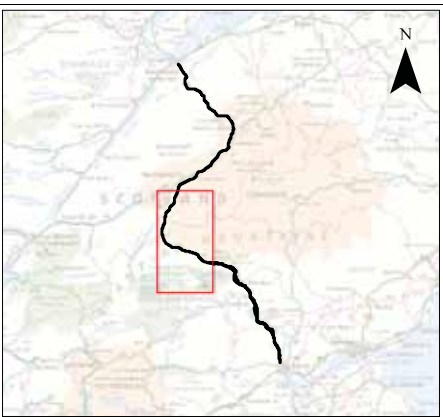
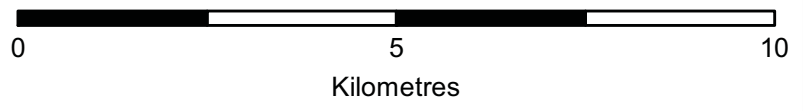
SECTION D
SECTION C

Perth and Kinross

SECTION C
SECTION B

Loch Rannoch and Glen Lyon

Loch Tummel



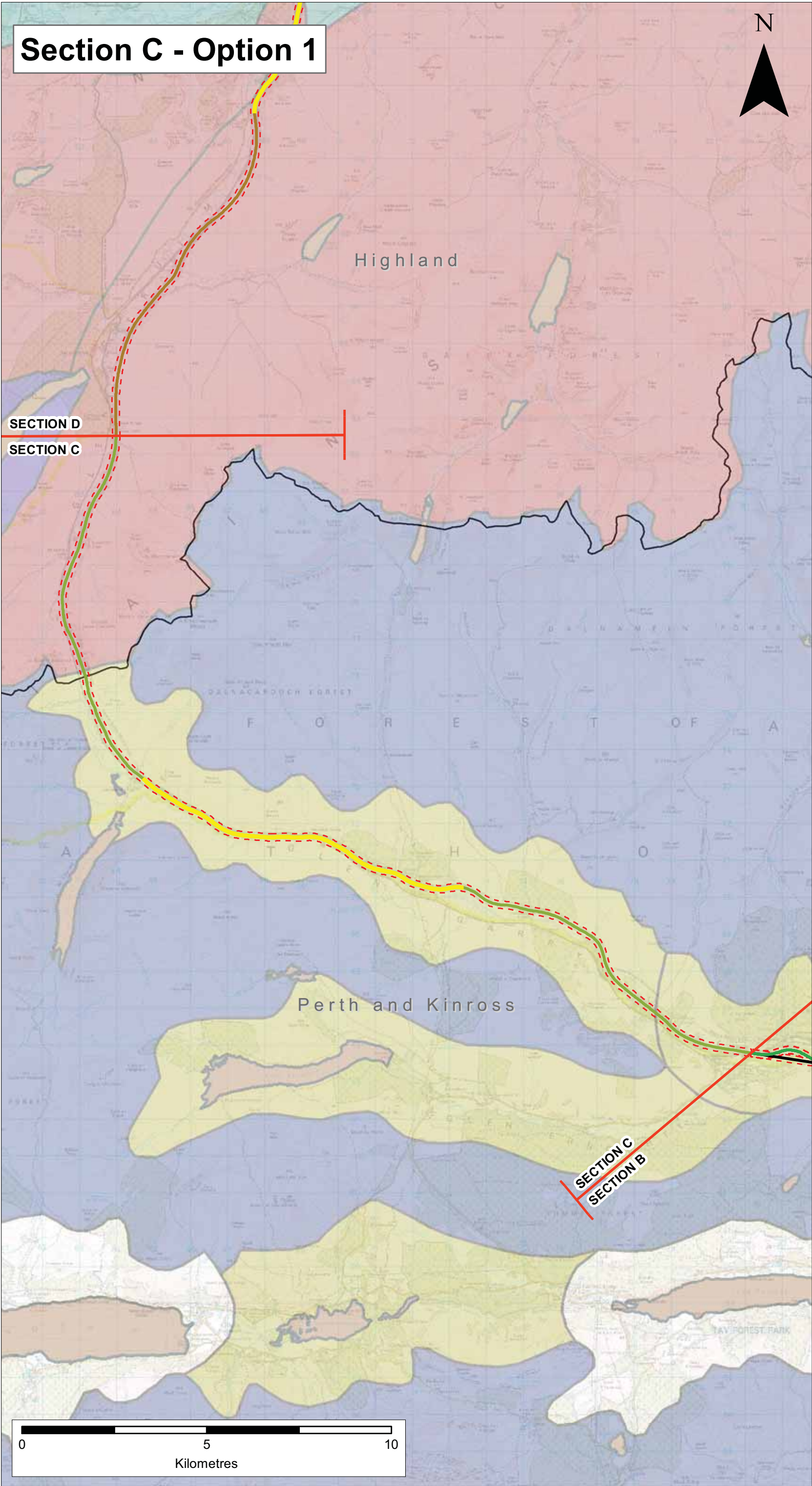
Legend

- National Scenic Area
- Cairngorm National Park Authority
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer

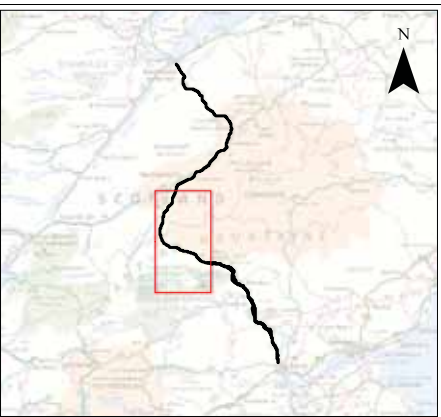
A9 Options

- Section B Option 1
- Section B Option 2
- Section B Option 4
- Section B Option 5
- Section C Option 1
- Section D Option 1

Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
 TRANSPORT SCOTLAND  A9 DUALLING PATH TO IMPROVE Burdens Park, Swindon, SN4 0OD +44 (0)1753 812479  HALCROW A GRUHL FIRM COMPANY					
Project: A9 Dualling Strategic Environmental Assessment					
Drawing: Landscape - National Scenic Areas & Cairngorms National Park					
Drawn by: Tim Hughes		Date: 14/09/2013			
Checked by: Zahid Ma		Date: 14/09/2013			
Approved by: John Fox		Date: 14/09/2013			
Drawing No: TSSEA9\ER\C\005					Rev A
Drawing scale: 1:100,000					



Section C - Option 1



- Legend**
- Landscape Character Types**
- Cairngorm Straths

Highland Glens

Highland Summits & Plateaux

Inland Loch

Loch Island

Loch and Glen

Uplands and Glens

Dual Carriageway

A9 Section Breaks

A9 200m Buffer
- A9 Options**
- Section B Option 1

Section B Option 2

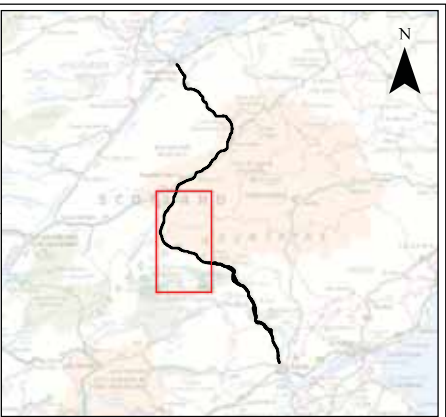
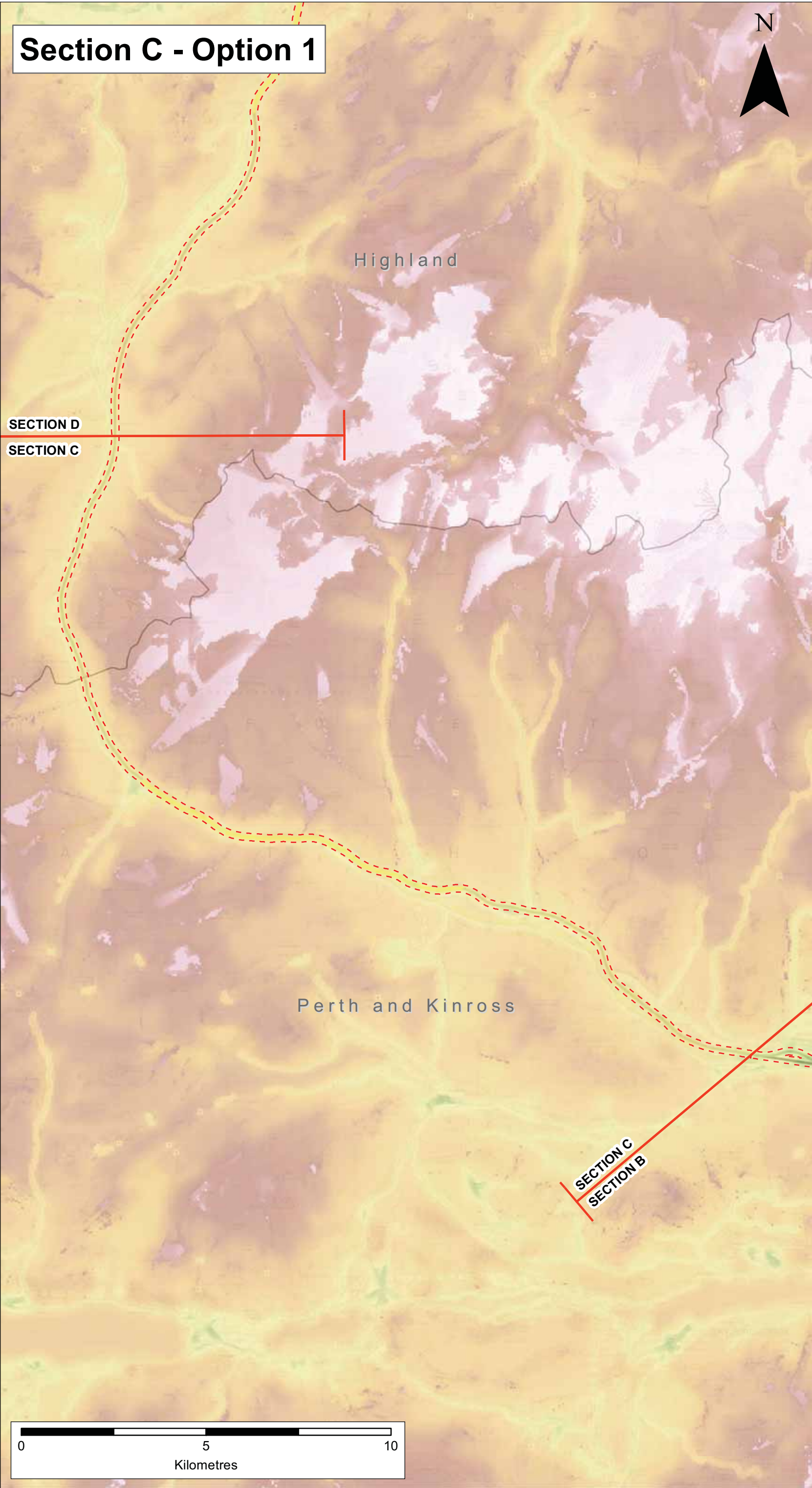
Section B Option 4

Section B Option 5

Section C Option 1

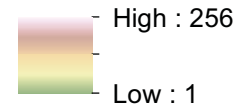
Section D Option 1

Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
Burdens Park, Swindon, SN4 0DD +44 (0)1753 812479					
Project: A9 Dualling Strategic Environmental Assessment					
Drawing: Landscape - Landscape Character Types					
Drawn by: Tim Hughes			Date: 14/09/2013		
Checked by: Zahid Miah			Date: 14/09/2013		
Approved by: John Fox			Date: 14/09/2013		
Drawing No: TSSEA9\ER\C\006					Rev A
Drawing scale: 1:100,000					



Legend

Wildness



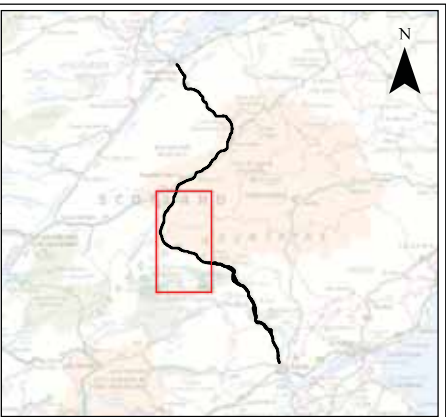
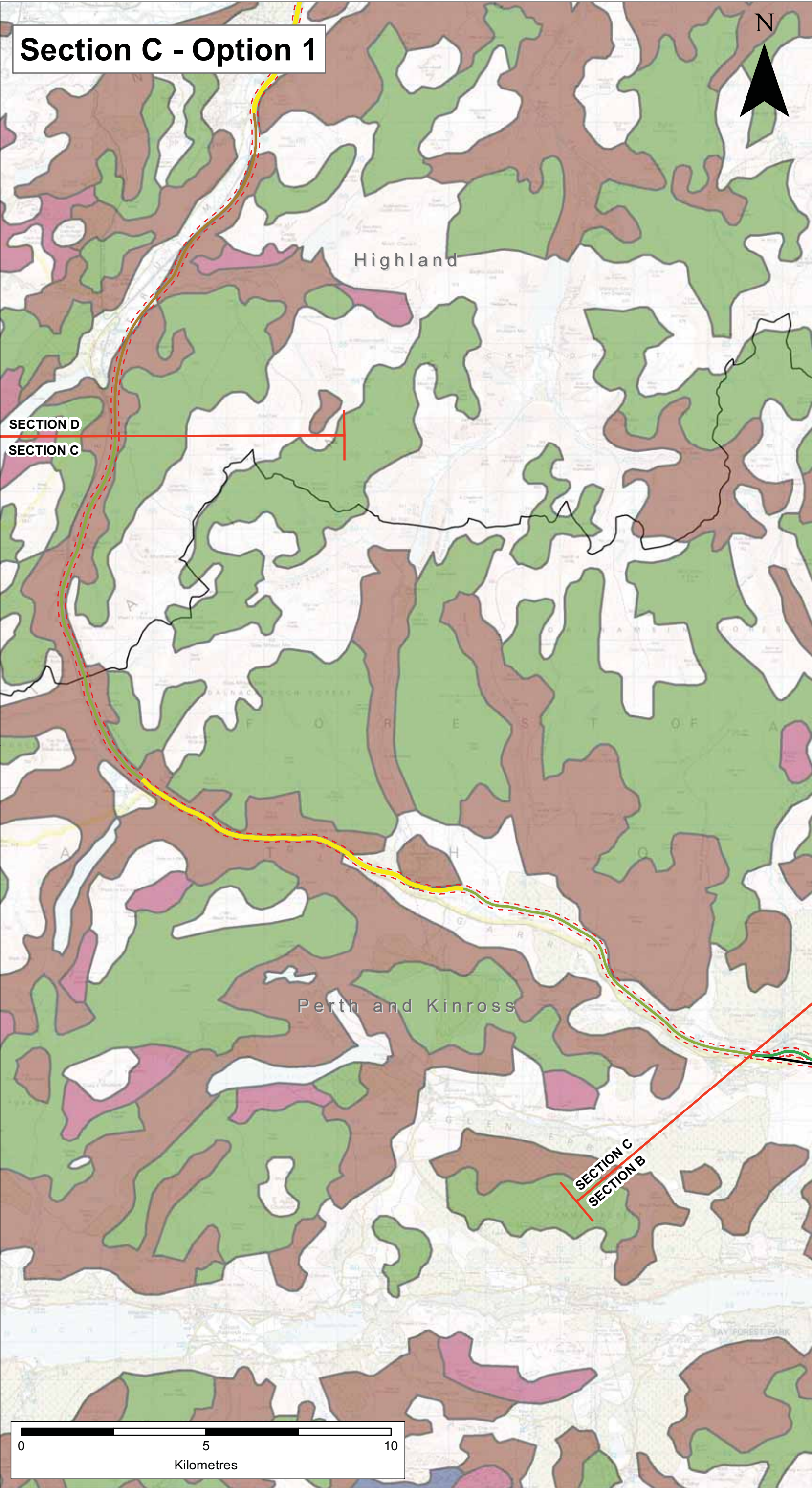
- Dual Carriageway
- A9 200m Buffer
- A9 Section Breaks

A9 Options

- Section B Option 1
- Section B Option 2
- Section B Option 4
- Section B Option 5
- Section C Option 1
- Section D Option 1

Data Source: SNH Wildness Composite Map

Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
Burleigh Park, Swinford, SN4 0DD +44 (0)1793 812479					
Project: A9 Dualling Strategic Environmental Assessment					
Drawing: Landscape - Wildness					
Drawn by: Tim Hughes			Date: 10/09/2013		
Checked by: Zahid Msa			Date: 10/09/2013		
Approved by: John Fox			Date: 10/09/2013		
Drawing No: TSSEA9\ER\C\007					Rev A
Drawing scale: 1:100,000					



Legend

Soil Type

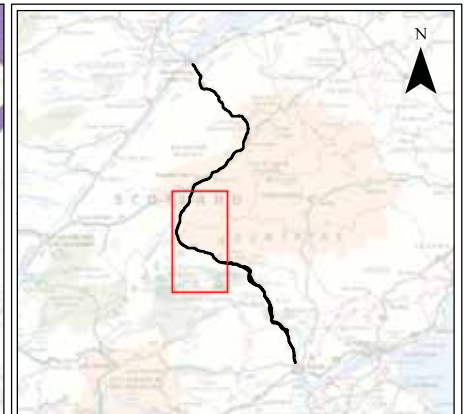
- Peat
- Peaty gleys
- Peaty podzols
- Peaty rankers
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer

A9 Options

- Section B Option 1
- Section B Option 2
- Section B Option 4
- Section B Option 5
- Section C Option 1
- Section D Option 1

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A	24/04/2013	First Draft	TJH	ZM	JF
					
					
Burdens Park, Swindon, SN4 0DD +44 (0)1793 812479					
Project: A9 Dualling Strategic Environmental Assessment					
Drawing: Soils and Water - Peat and Peaty Soil					
Drawn by:		Tim Hughes		Date - 02/09/2013	
Checked by:		Zahid Miah		Date - 02/09/2013	
Approved by:		John Fox		Date - 02/09/2013	
Drawing No: TSSEA9\ER\C\008					Rev A
Drawing scale: 1:100,000					

Section C - Option 1



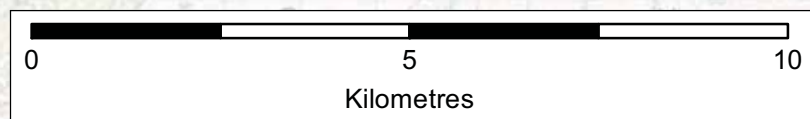
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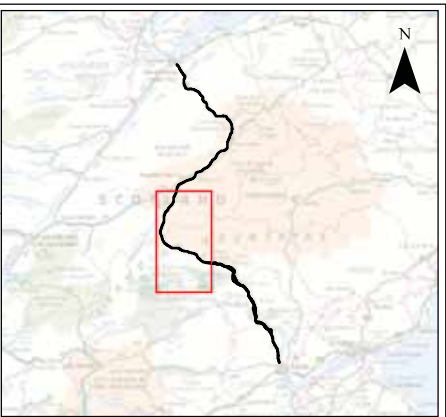
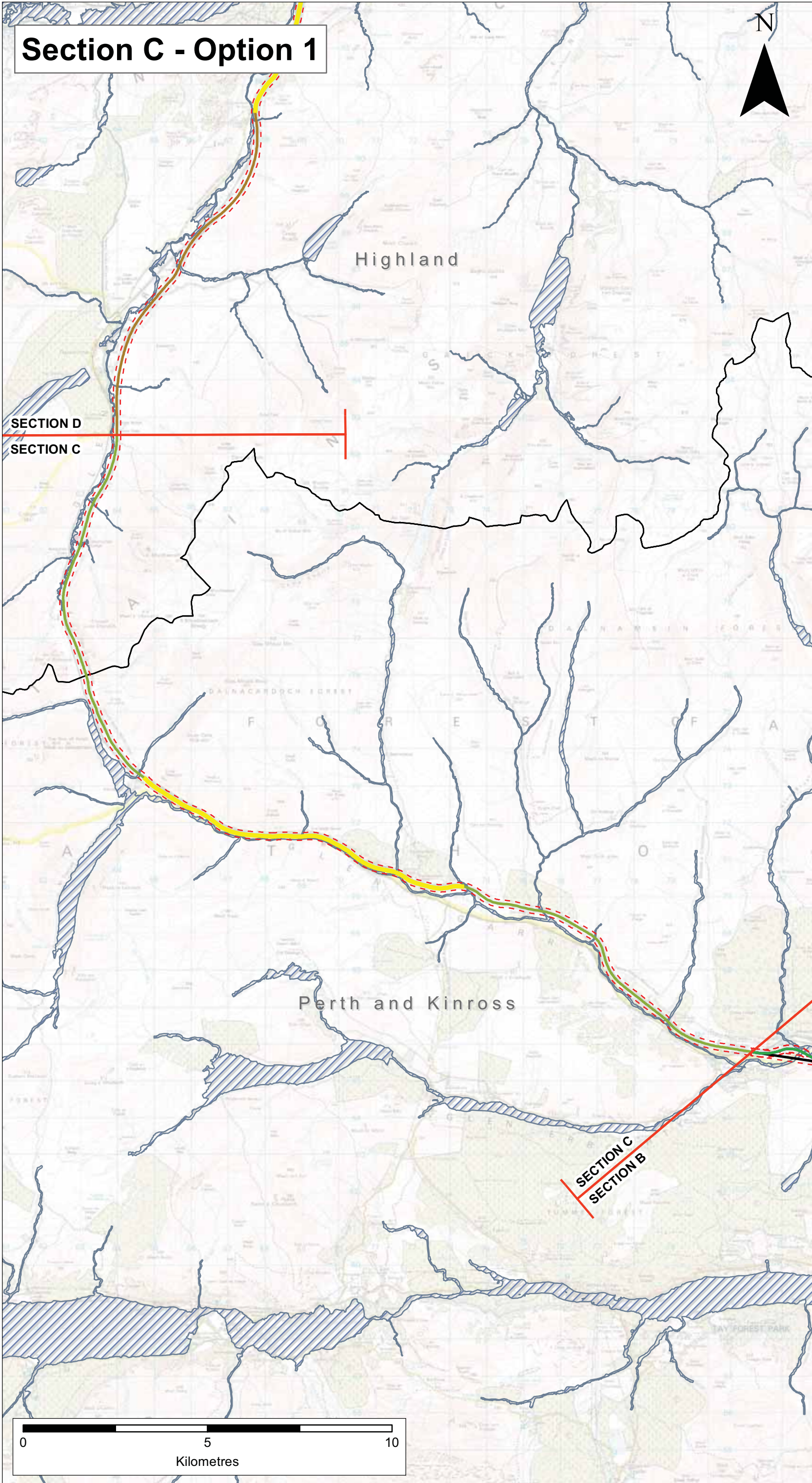
Wetland Types

-  Marshy Grassland
-  Montane Grassland
-  Montane flushes
-  Non-Specific Wetland
-  Other springs
-  Other wet woodland
-  Peat Bog
-  Seepage/flushes
-  Seepages/flushes
-  Swamp
-  Wet Heath
-  Dual Carriageway
-  A9 Section Breaks
-  A9 200m Buffer

A9 Options

- Section B Option 1
- Section B Option 2
- Section B Option 4
- Section B Option 5
- Section C Option 1
- Section D Option 1





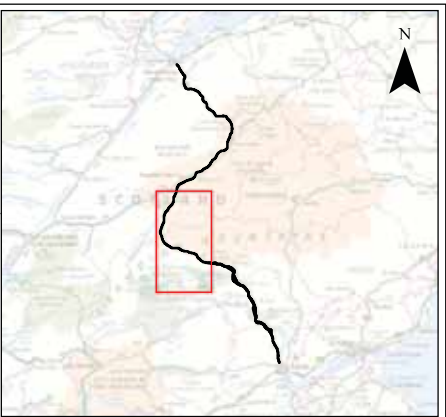
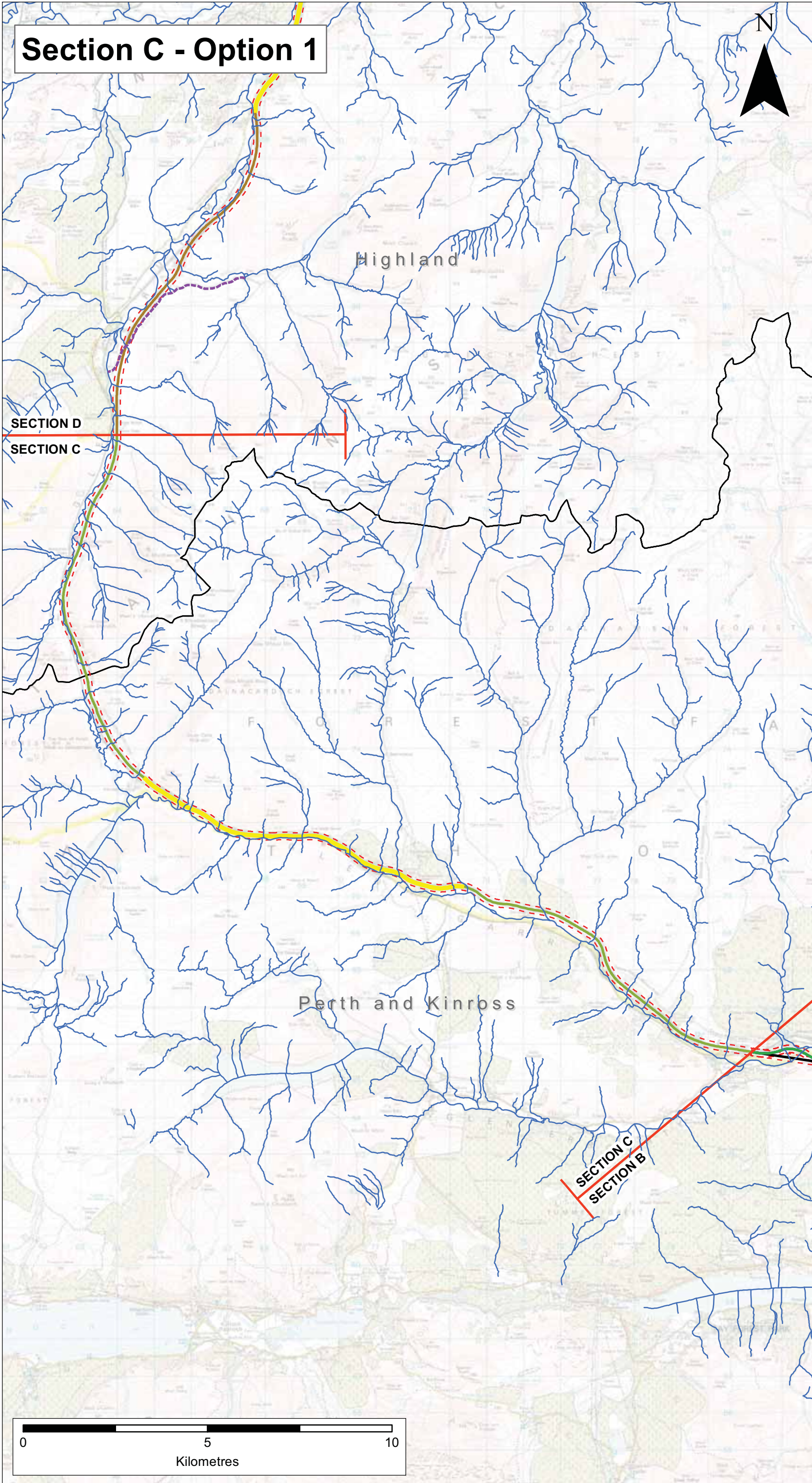
Legend

- 200yr Flood Risk Zone
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer

A9 Options

- Section B Option 1
- Section B Option 2
- Section B Option 4
- Section B Option 5
- Section C Option 1
- Section D Option 1

Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
 PERTH TO INVERNESS A CH2M HILL COMPANY Burslop Park, Swindon, SN4 0DD +44 (0)1793 812479					
Project: A9 Dualling Strategic Environmental Assessment					
Drawing: Soils and Water - 200yr Flood Risk Zone					
Drawn by: Tim Hughes			Date - 03/09/2013		
Checked by: Zahid Msa			Date - 03/09/2013		
Approved by: John Fox			Date - 03/09/2013		
Drawing No: TSSEA9\ER\C\010					Rev A
Drawing scale: 1:100,000					



Legend

- Surface Pipes
- Rivers
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer

A9 Options

- Section B Option 1
- Section B Option 2
- Section B Option 4
- Section B Option 5
- Section C Option 1
- Section D Option 1

Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF



Burslop Park,
Swindon, SN4 0DD
+44 (0)1793 812479


A CH2M HILL COMPANY

Project:
A9 Dualling Strategic
Environmental Assessment

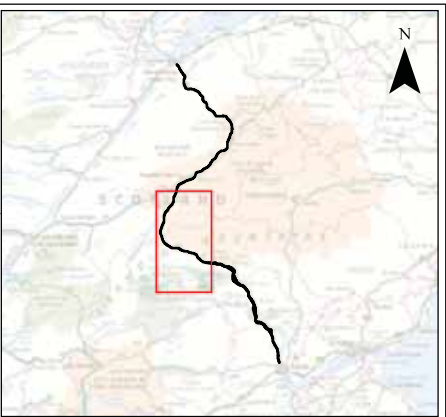
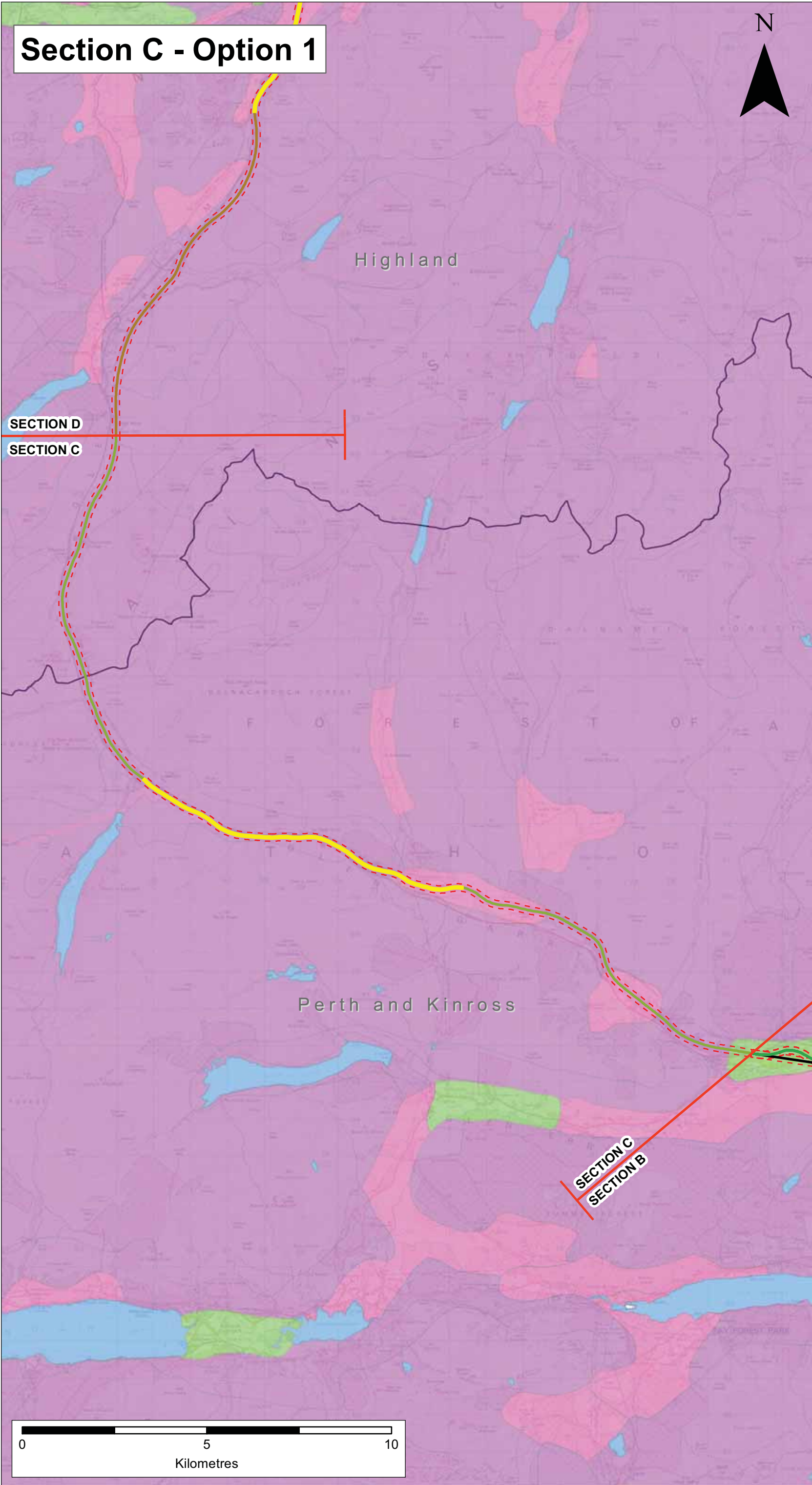
Drawing:
Soils and Water - Surface Watercourses

Drawn by:	Tim Hughes	Date:	10/09/2013
Checked by:	Zahid Msa	Date:	10/09/2013
Approved by:	John Fox	Date:	10/09/2013

Drawing No:
TSSEA9\ER\C\011

Rev
A

Drawing scale:
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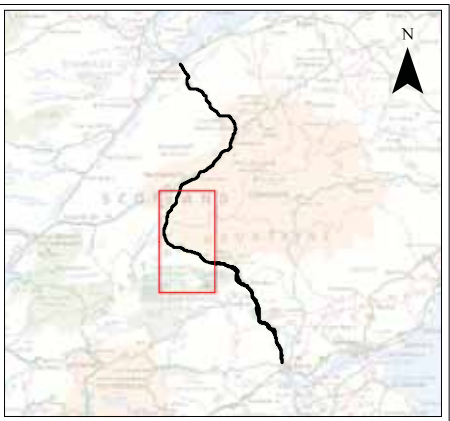
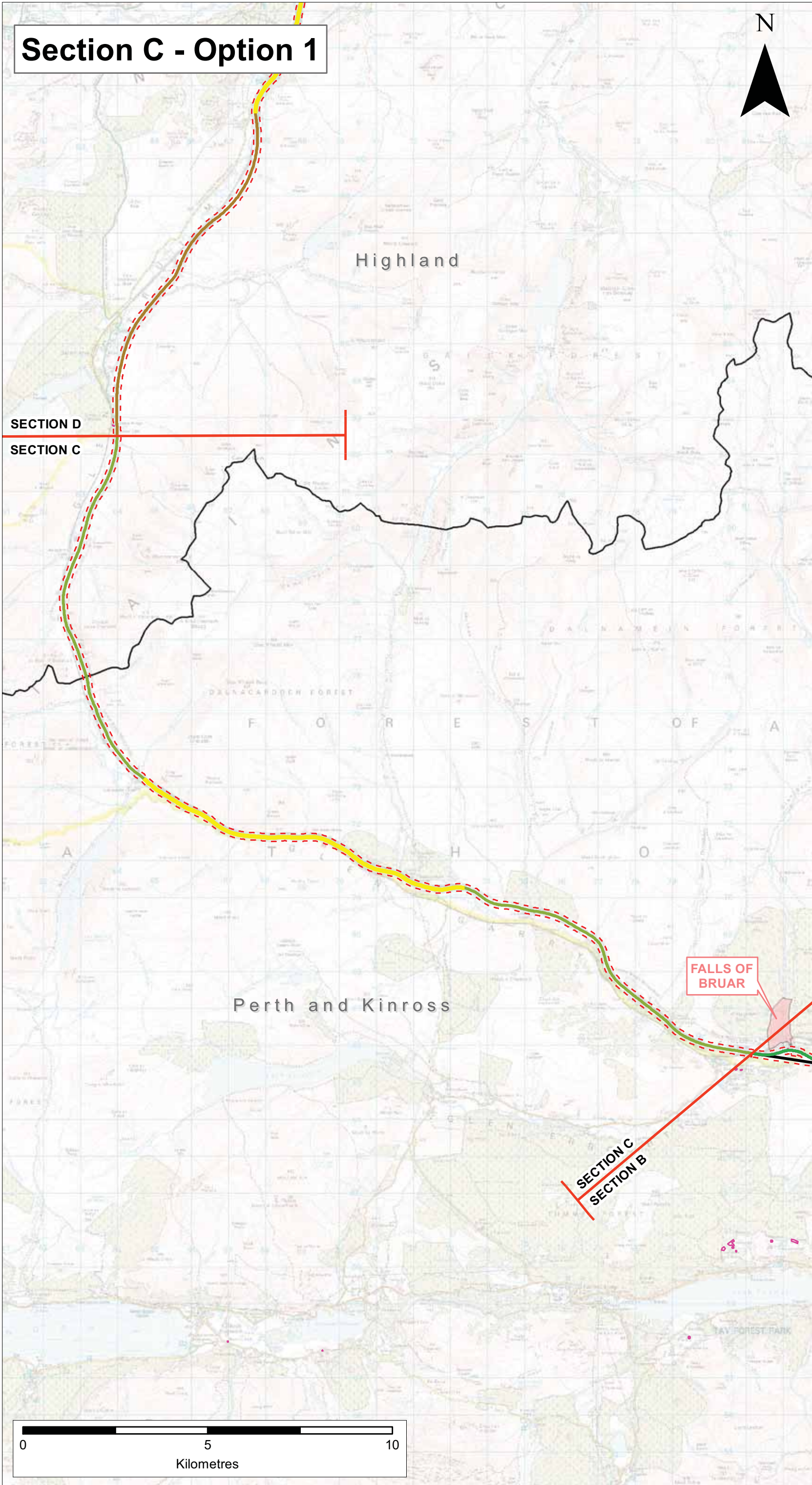
Land Capability for Agriculture (Grade)

- Mixed Agriculture (Grade 3.2-4.2)
- Improved Grassland (Grade 5.1-5.3)
- Rough Grazing (Grade 6.1-7)
- Water
- Other
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer

A9 Options

- Section B Option 1
- Section B Option 2
- Section B Option 4
- Section B Option 5
- Section C Option 1
- Section D Option 1

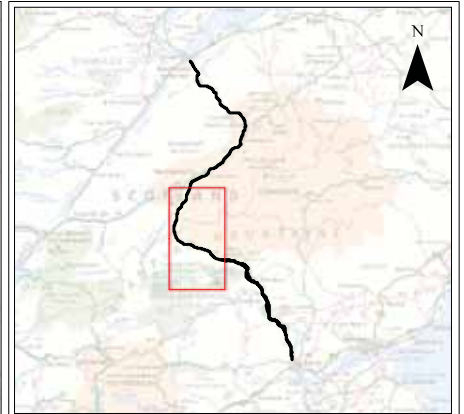
Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
Burleigh Park, Swinford, SN4 0DD +44 (0)1793 812479					
Project: A9 Dualling Strategic Environmental Assessment					
Drawing: Soils and Water - Land Capability for Agriculture					
Drawn by: Tim Hughes			Date: 10/09/2013		
Checked by: Zahid Miah			Date: 10/09/2013		
Approved by: John Fox			Date: 10/09/2013		
Drawing No: TSSEA9/ER/C/012					Rev A
Drawing scale: 1:100,000					



- Legend**
- Scheduled Monuments
 - Gardens & Designed Landscapes
 - Dual Carriageway
 - A9 Section Breaks
 - A9 200m Buffer
- A9 Options**
- Section B Option 1
 - Section B Option 2
 - Section B Option 4
 - Section B Option 5
 - Section C Option 1
 - Section D Option 1

Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
 					
Burdens Park, Swindon, SN4 0DD +44 (0)1753 612479 					
Project: A9 Dualling Strategic Environmental Assessment					
Drawing: Historic Environment - Scheduled Monuments, Battlefields, Gardens & Designed Landscapes					
Drawn by: Tim Hughes			Date: 15/09/2013		
Checked by: Zahid Miah			Date: 15/09/2013		
Approved by: John Fox			Date: 15/09/2013		
Drawing No: TSSEA9\ER\C\013					Rev A
Drawing scale: 1:100,000					

Section C - Option 1



Legend

- Listed Buildings
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer

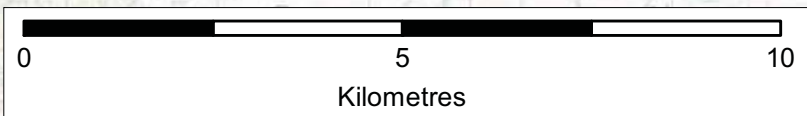
A9 Options

-  Section B Option 1
- Section B Option 2
-  Section B Option 4
- Section B Option 5
-  Section C Option 1
- Section D Option 1

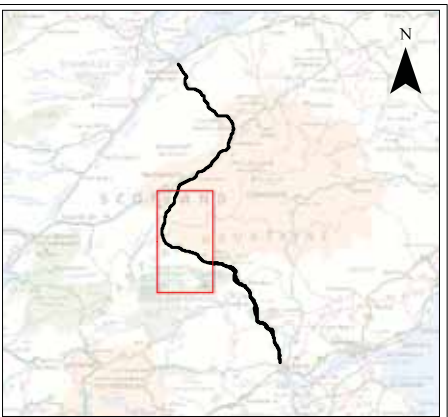
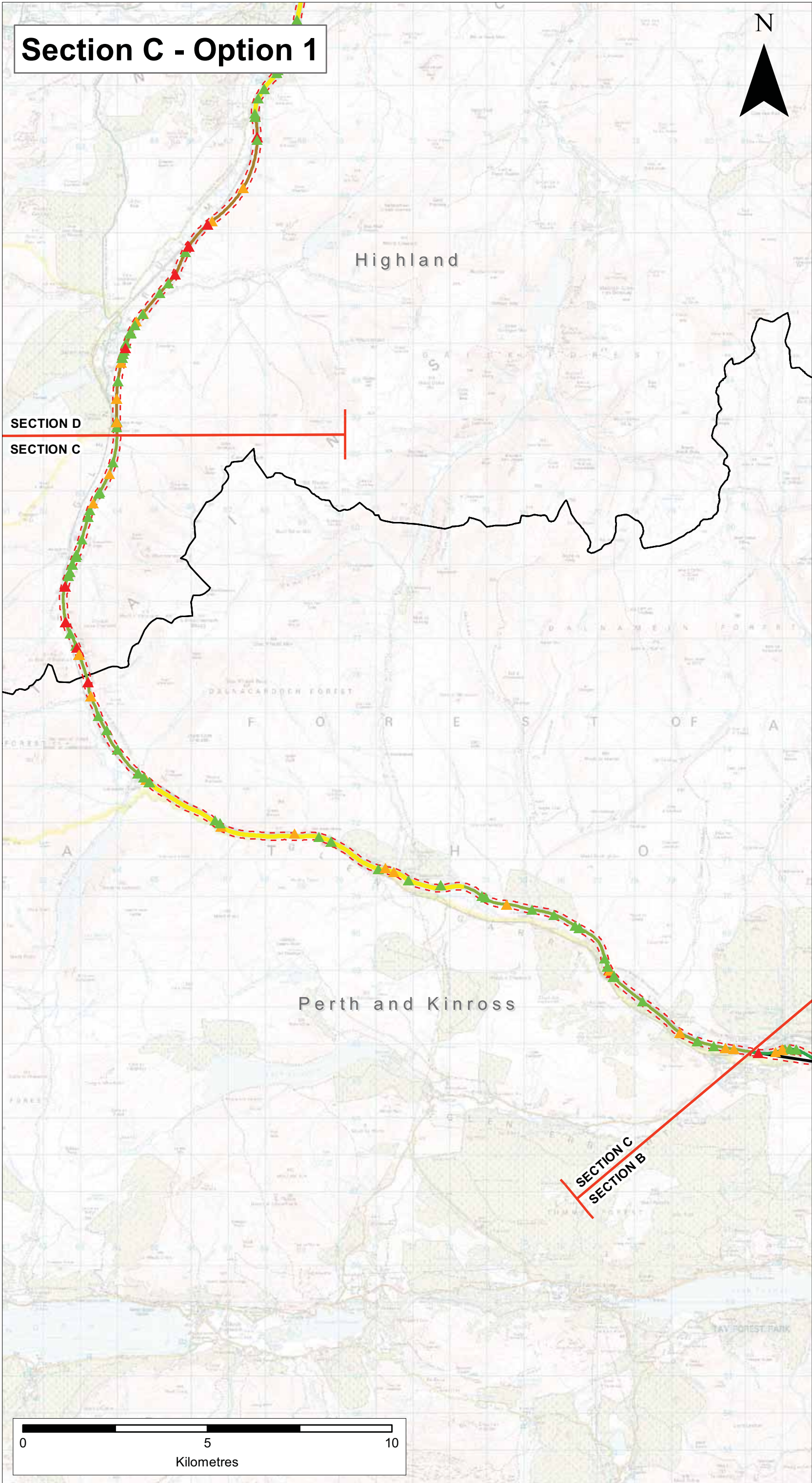
SECTION D

SECTION C

SECTION C
SECTION B



Rev	Rev date	Purpose of revision	Drawn	Checked	Apprv'd
A	24/04/2013	First Draft	TJH	ZM	JF
					
					
Project: A9 Dualling Strategic Environmental Assessment					
Drawn: Historic Environment - Listed Buildings & Conservation Areas					
Drawn by:	Tim Hughes		Date:	14/05/2013	
Checked by:	Zahid Mili		Date:	14/05/2013	
Approved by:	John Fox		Date:	14/05/2013	
Drawing No:			Rev		
TSSEA9\ER\C\014			A		
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Legend

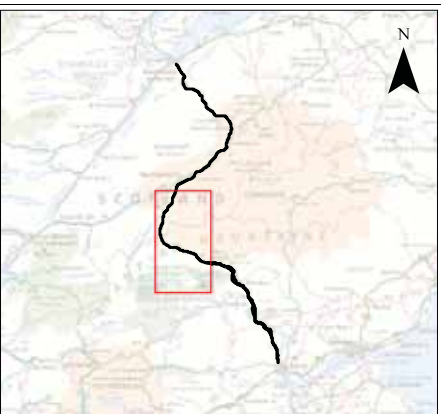
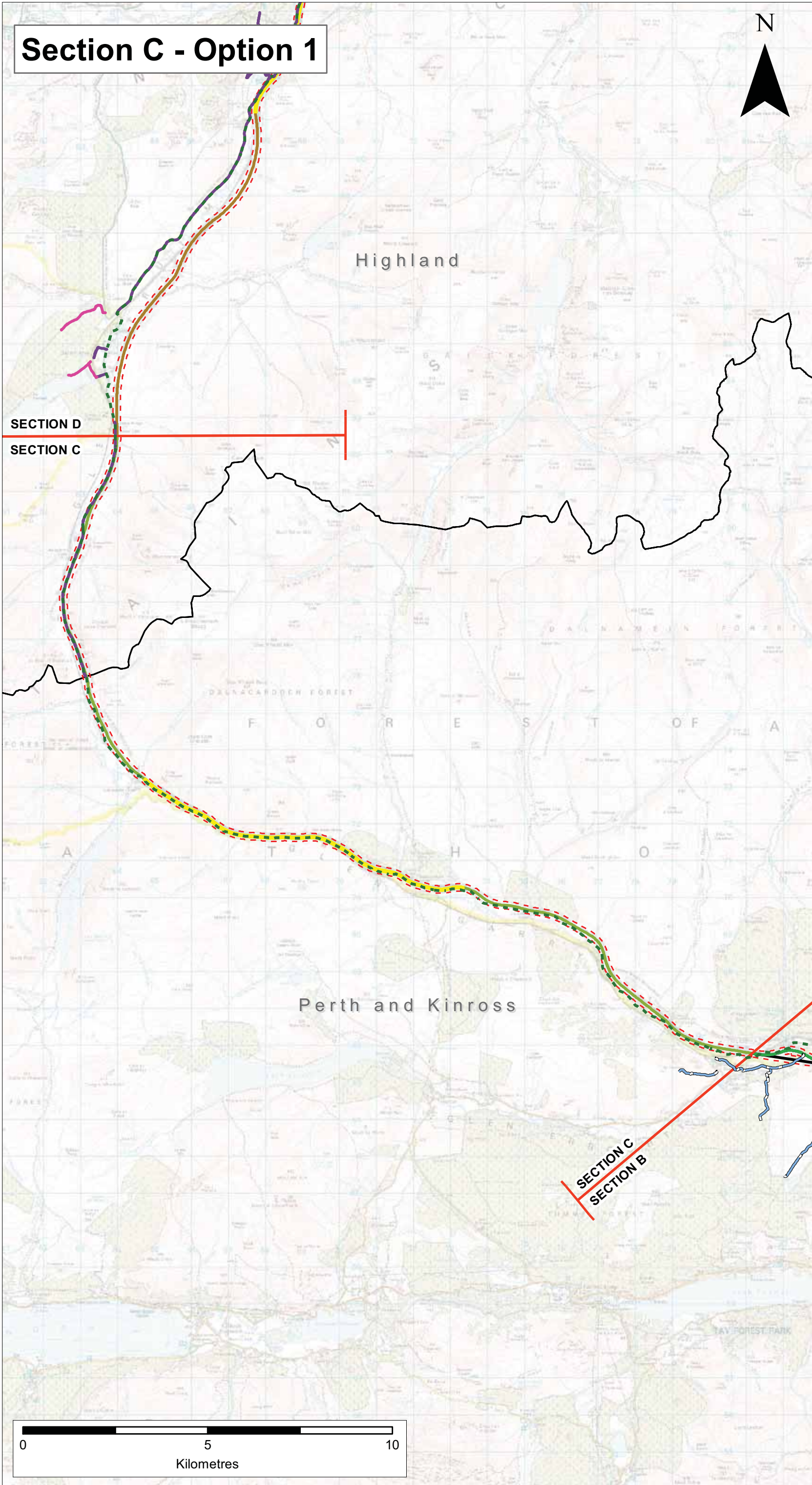
Accident Severity

- Fatal
- Serious
- Slight
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer

A9 Options

- Section B Option 1
- Section B Option 2
- Section B Option 4
- Section B Option 5
- Section C Option 1
- Section D Option 1

Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
Burdens Park, Swindon, SN4 0DD +44 (0)1753 812479					
Project: A9 Dualling Strategic Environmental Assessment					
Drawing: Population Human Health & Material Assets - Accident Locations (2001-2010 data)					
Drawn by: Tim Hughes			Date: 14/09/2013		
Checked by: Zahid Ma			Date: 14/09/2013		
Approved by: John Fox			Date: 14/09/2013		
Drawing No: TSSEA9\ER\C\015					Rev A
Drawing scale: 1:100,000					



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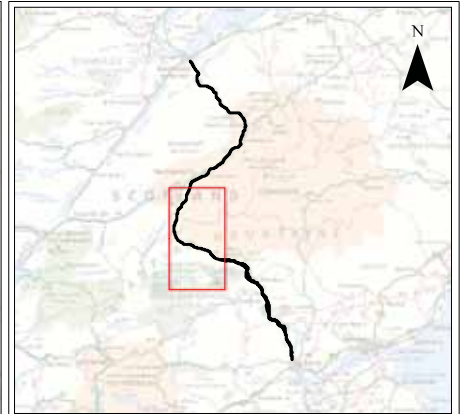
- National Cycle Network Route 7
- Perth & Kinross Core Paths
- Highland Council Core Paths
- Cairngorms National Park Core Paths
- Dual Carriageway
- A9 Section Breaks
- - - A9 200m Buffer

A9 Options

- Section B Option 1
- Section B Option 2
- Section B Option 4
- Section B Option 5
- Section C Option 1
- Section D Option 1

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A	24/04/2013	First Draft	TJH	ZM	JF
Burdens Park, Swindon, SN4 0DD +44 (0)1753 812479 Project: A9 Dualling Strategic Environmental Assessment Drawing: Population, Human Health & Material Assets - Core Paths and Cycle Routes Drawn by: Tim Hughes Checked by: Zahid Ma Approved by: John Fox Date: 14/09/2013 Date: 14/09/2013 Date: 14/09/2013 Drawing No: TSSEA9\ER\C\016 Rev A					
Drawing scale: 1:100,000					

Section C - Option 1

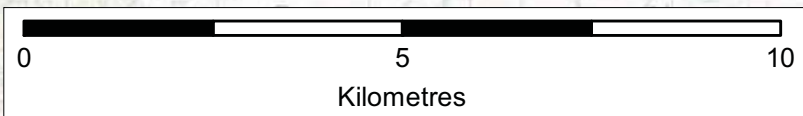
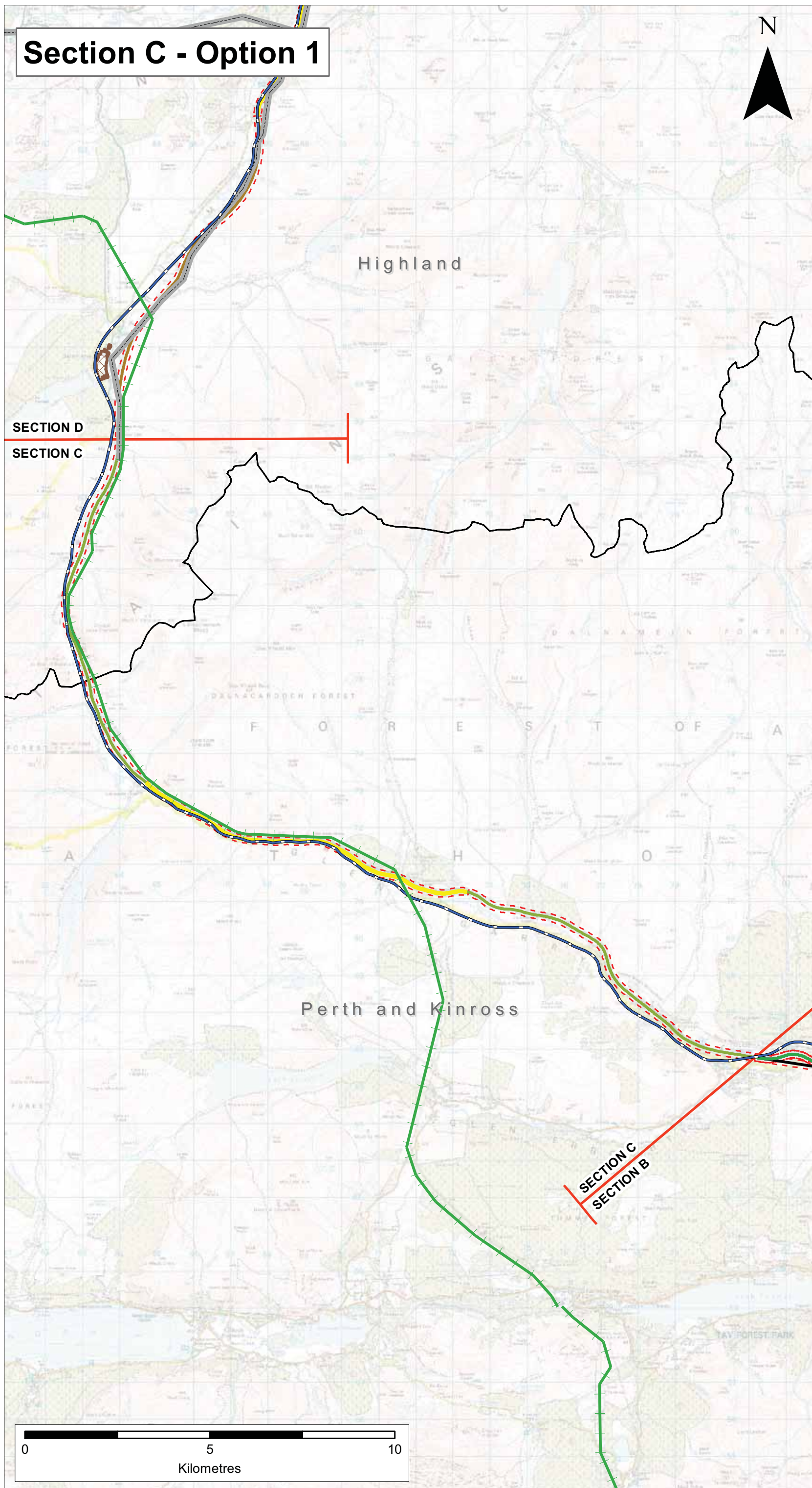


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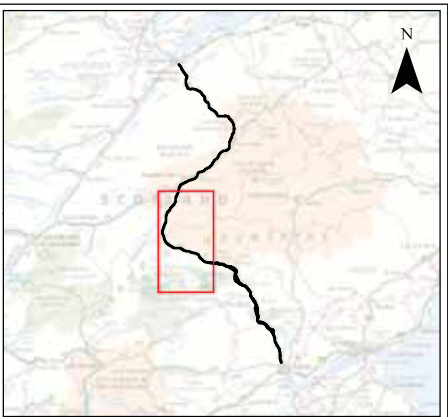
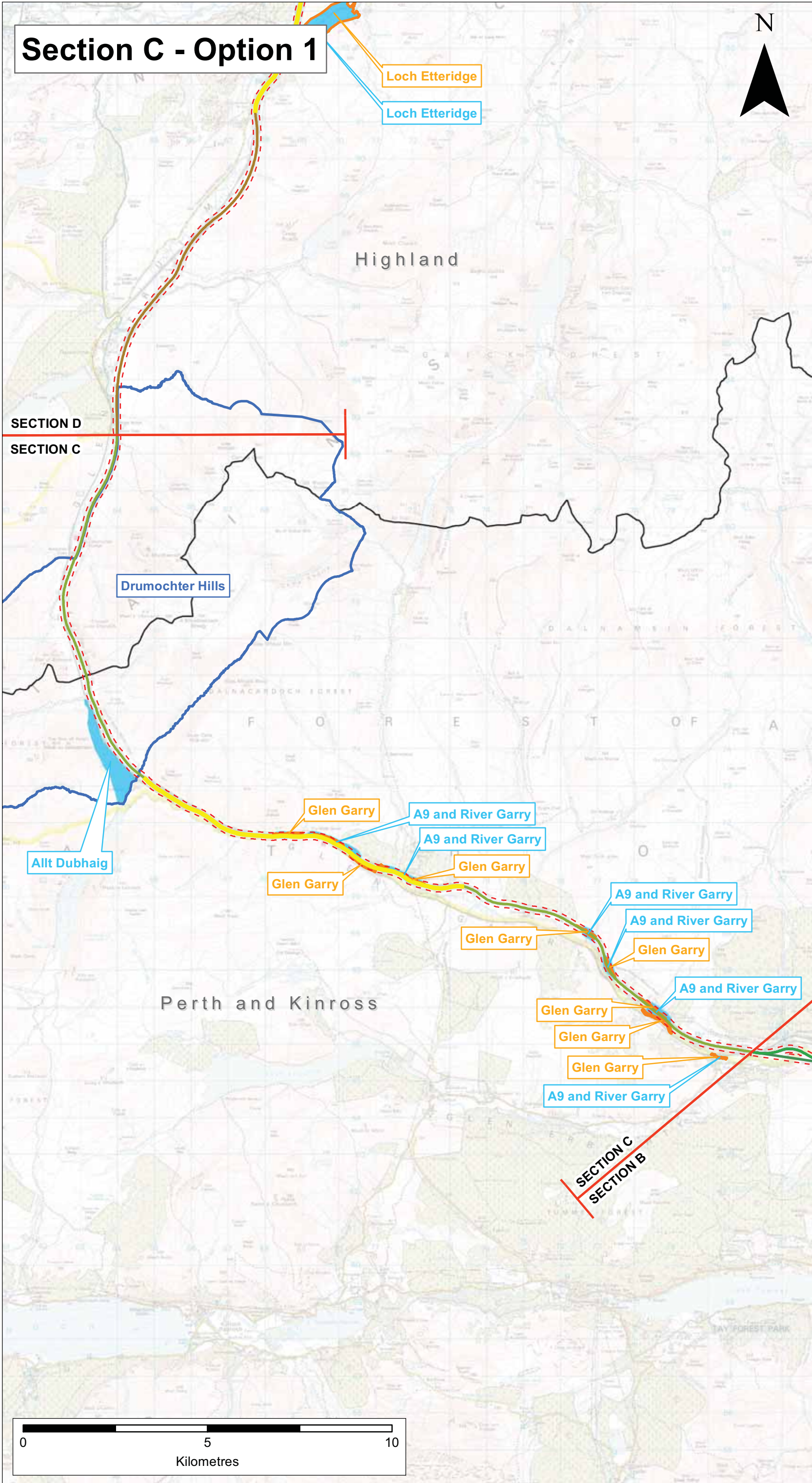
-  Beauty Denny Line
-  Highland Mainline Railway
-  Existing Powerlines
-  Cairngorms National Park LDP Zones
-  Dual Carriageway
-  A9 Section Breaks
-  A9 200m Buffer

A9 Options

-  Section B Option 1
-  Section B Option 2
-  Section B Option 4
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-  Section C Option 1
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Rev	Rev date	Purpose of revision	Drawn	Checked	Approved
A	24/04/2013	First Draft	TJH	ZM	JF
					
Burderop Park, Swindon, SN4 9GD +44 (0)1753 912470 					
Project: A9 Dualling Strategic Environmental Assessment Drawing: Population, Human Health & Material Assets - Other Corridor Infrastructure					
Drawn by:	Tim Hughes	Date:		14/05/2013	
Checked by:	Zahid Mla	Date:		14/05/2013	
Approved by:	John Fox	Date:		14/05/2013	
Drawing No:				Rev	
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Drawing scale: 1:100,000					



Legend

- Mixed SSSI
- Geological SSSI
- Geological Conservation Review Sites
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer

A9 Options

- Section B Option 1
- Section B Option 2
- Section B Option 4
- Section B Option 5
- Section C Option 1
- Section D Option 1

Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
Burdens Park, Swindon, SN4 0DD +44 (0)1793 812479					
Project: A9 Dualling Strategic Environmental Assessment					
Drawing: Soils and Water - Geological & Mixed SSSI, Geological Conservation Review sites					
Drawn by: Tim Hughes			Date: 10/09/2013		
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