



A9 Dualling Programme

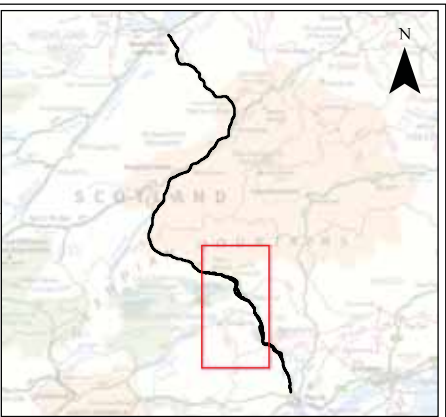
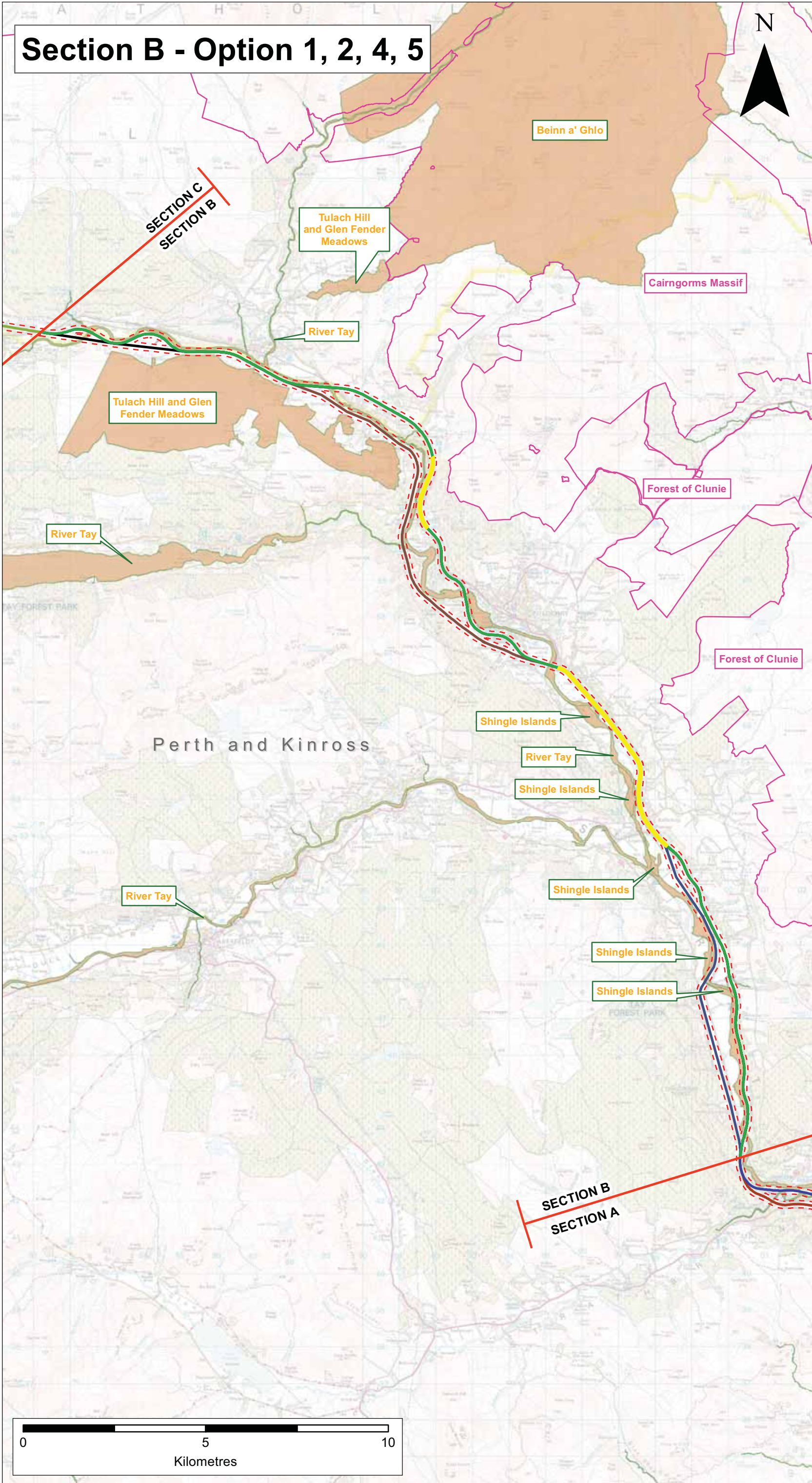
SEA Environmental Report

Appendix D2

GIS Constraint Mapping – A9 Section B

June 2013





Legend

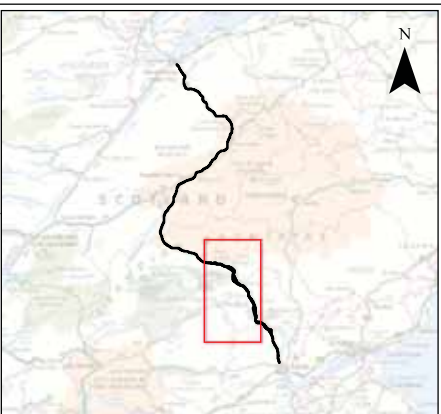
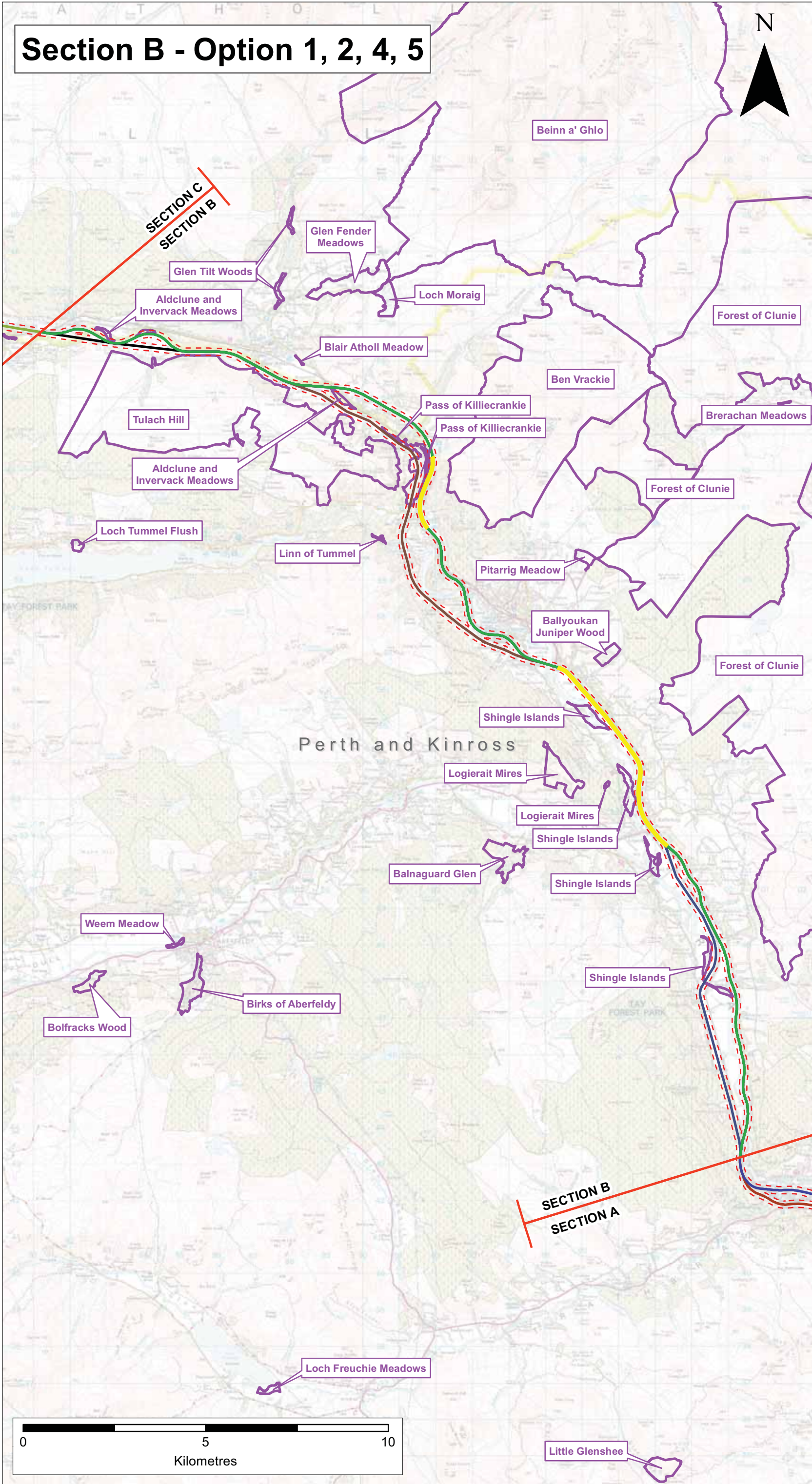
- SPA
- SAC
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer

A9 Options

- Section A Option 1
- Section A Option 6
- Section B Option 1
- Section B Option 2
- Section B Option 4
- Section B Option 5
- Section C 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: A9 Biodiversity, Flora & Fauna - Natura and Ramsar Sites					
Drawn by: Tim Hughes			Date: 09/09/2013		
Checked by: Zahid Msa			Date: 09/09/2013		
Approved by: John Fox			Date: 09/09/2013		
Drawing No: TSSEA9\ER\B\001					Rev A
Drawing scale: 1:101,000					

Section B - Option 1, 2, 4, 5



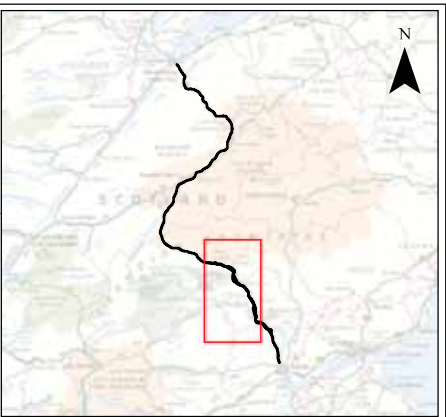
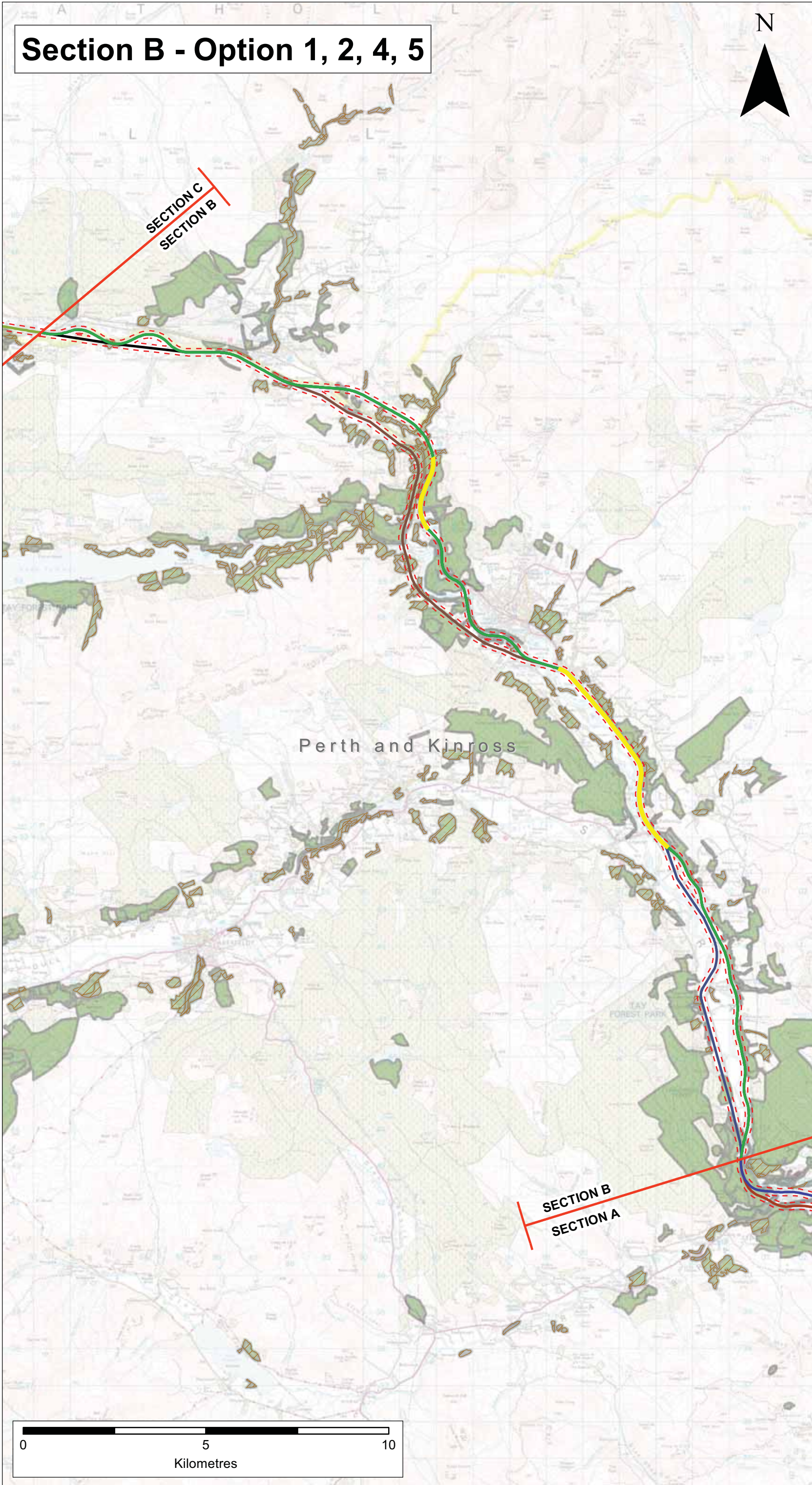
Legend

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

A9 Options

- Section A Option 1
- Section A Option 6
- Section B Option 1
- Section B Option 2
- Section B Option 4
- Section B Option 5
- Section C Option 1

Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
Burslings 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			Date: 09/09/2013		
Checked by: Zahid Miah			Date: 09/09/2013		
Approved by: John Fox			Date: 09/09/2013		
Drawing No: TSSEA9\ER\B\002					Rev A
Drawing scale: 1:101,000					



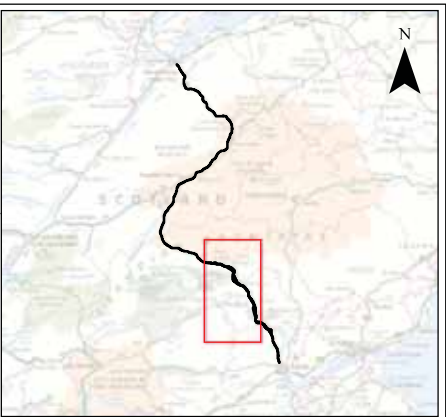
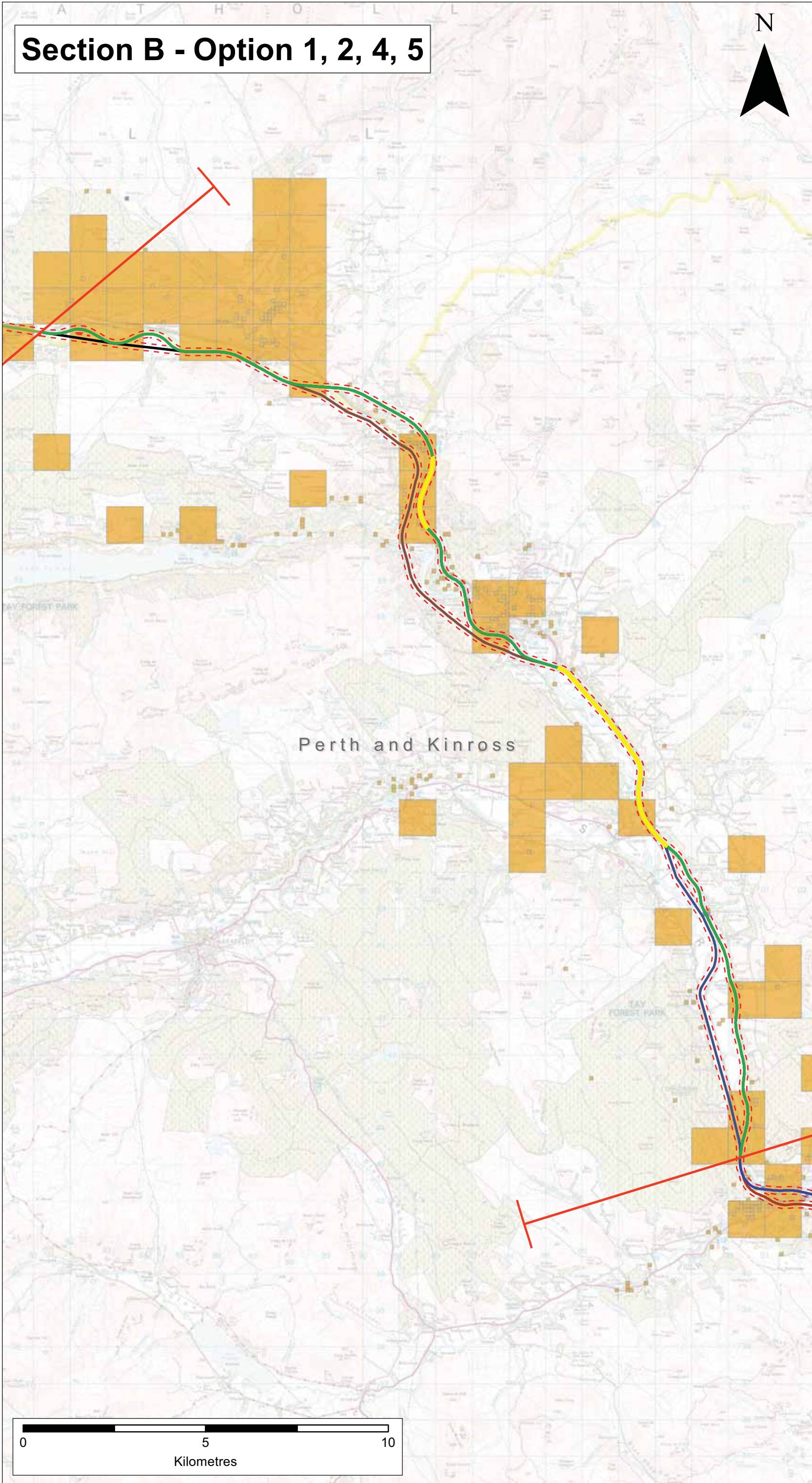
Legend

- Semi Natural Ancient Woodland
- Ancient Woodland
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer

A9 Options

- Section A Option 1
- Section A Option 6
- Section B Option 1
- Section B Option 2
- Section B Option 4
- Section B Option 5
- Section C 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 - Ancient Woodland and Semi-Natural Ancient Woodland					
Drawn by: Tim Hughes		Date - 09/09/2013			
Checked by: Zahid Msa		Date - 09/09/2013			
Approved by: John Fox		Date - 09/09/2013			
Drawing No: TSSEA9\ER\B\003					Rev A
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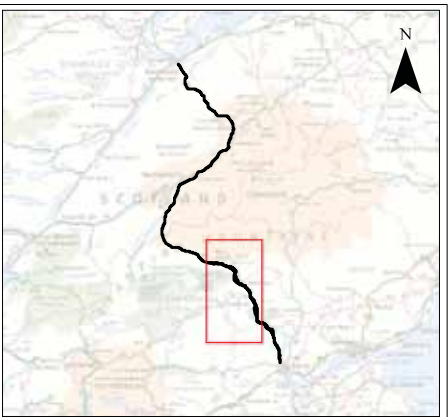
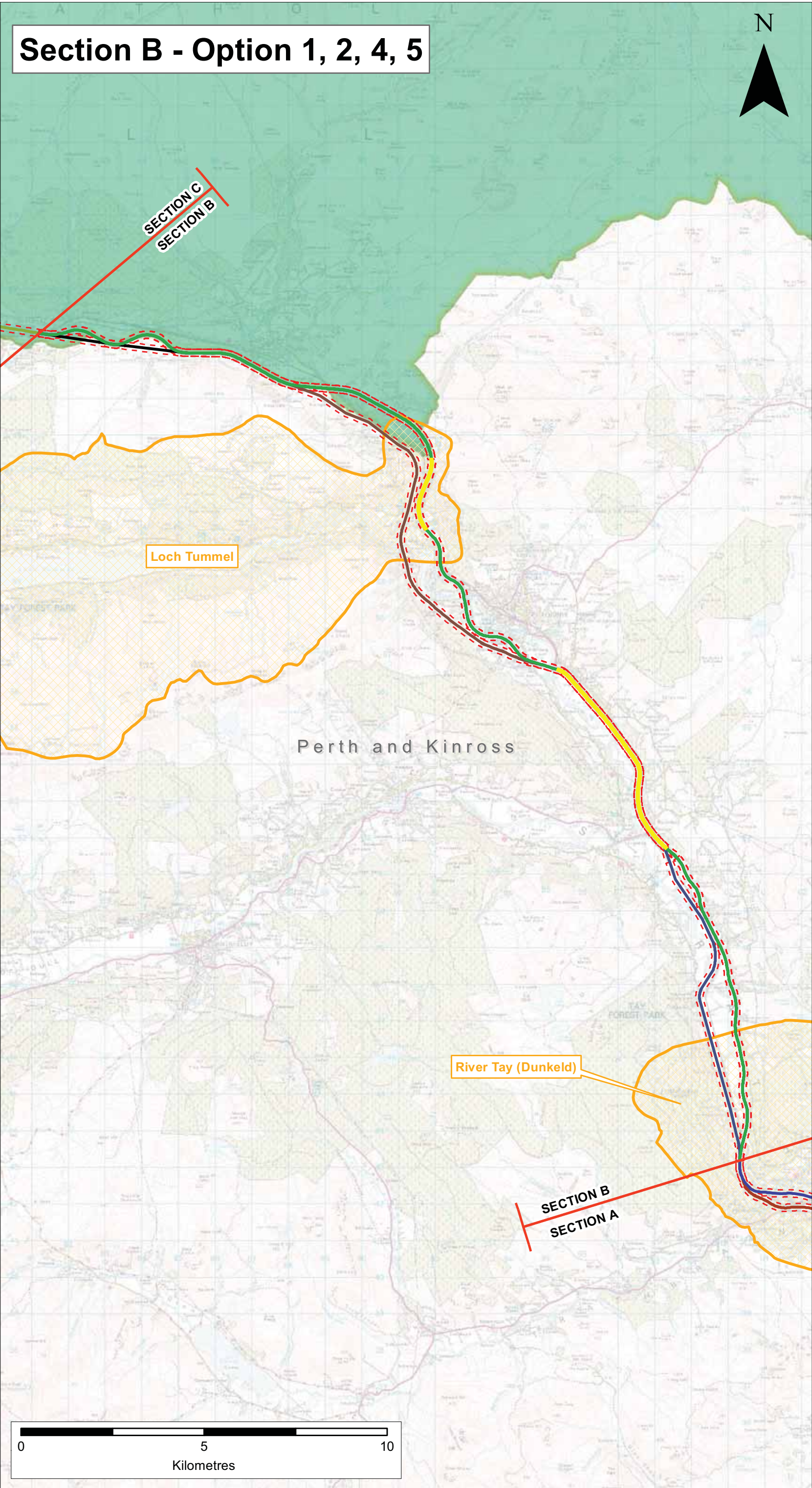
Species

- European Otter
- Eurasian Red Squirrel
- A9 Section Breaks
- A9 200m Buffer
- Dual Carriageway

A9 Options

- Section A Option 1
- Section A Option 6
- Section B Option 1
- Section B Option 2
- Section B Option 4
- Section B Option 5
- Section C 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			Date: 09/09/2013		
Checked by: Zahid Miah			Date: 09/09/2013		
Approved by: John Fox			Date: 09/09/2013		
Drawing No: TSSEA9\ER\B\004					Rev A
Drawing scale: 1:101,000					



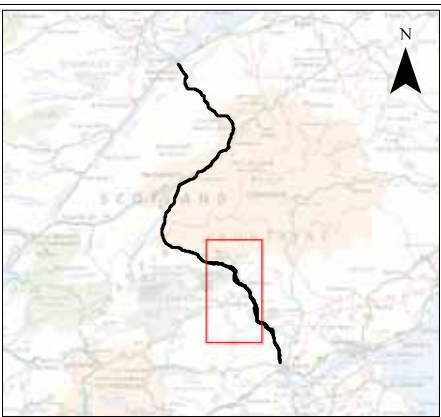
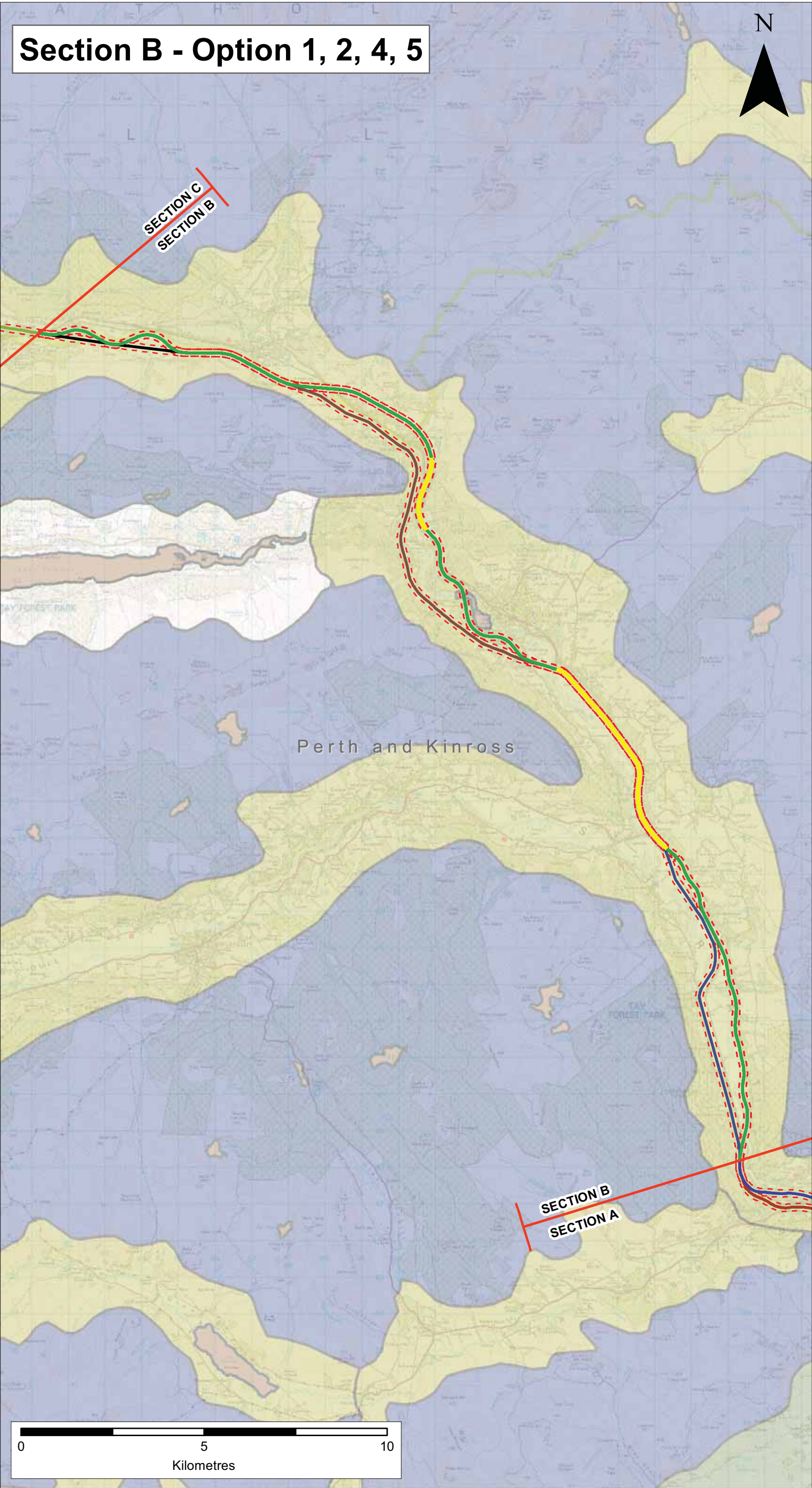
Legend

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

A9 Options

- Section A Option 1
- Section A Option 6
- Section B Option 1
- Section B Option 2
- Section B Option 4
- Section B Option 5
- Section C 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 - National Scenic Areas & Cairngorms National Park					
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\B\005					Rev A
Drawing scale: 1:101,000					



Legend

Landscape Character Types

- Highland Glens
- Highland Summits & Plateaux
- Inland Loch
- Loch Island
- Lowland Hills
- A9 Section Breaks
- Dual Carriageway
- A9 200m Buffer

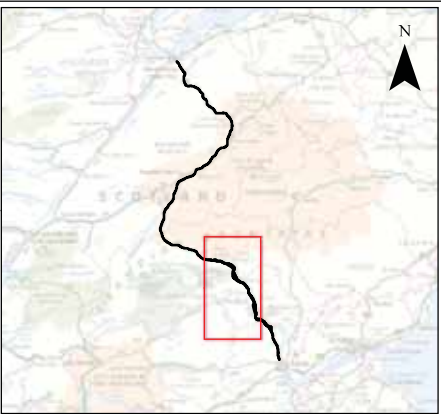
A9 Options

- Section A Option 1
- Section A Option 6
- Section B Option 1
- Section B Option 2
- Section B Option 4
- Section B Option 5
- Section C Option 1

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

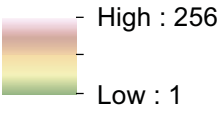
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Section B - Option 1, 2, 4, 5



Legend

Wildness

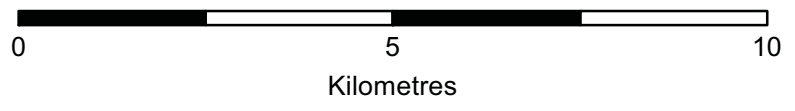


- A9 Section Breaks
- A9 200m Buffer
- Dual Carriageway

A9 Options

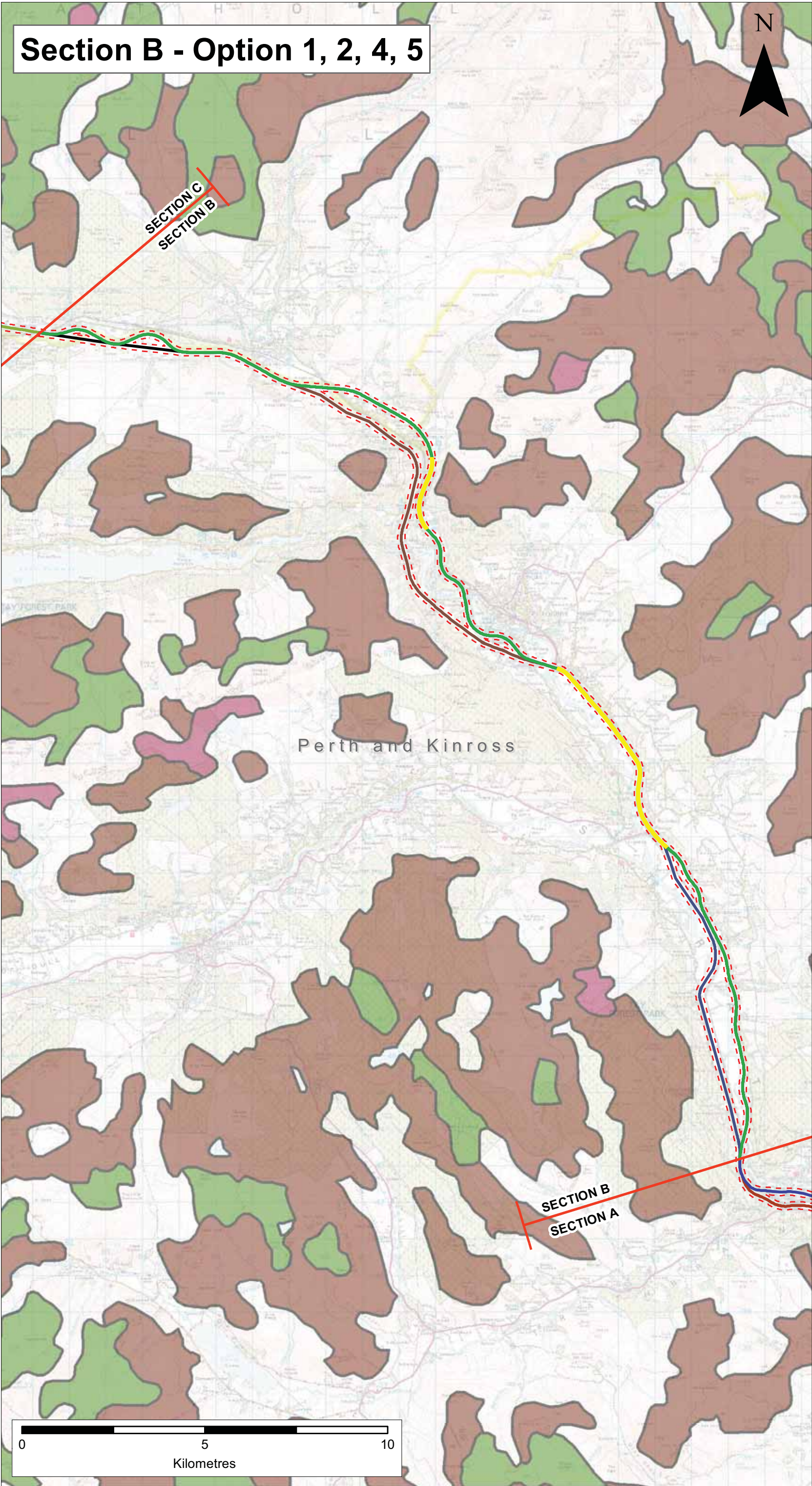
- Section A Option 1
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- Section B Option 1
- Section B Option 2
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- Section B Option 5
- Section C Option 1

Perth and Kinross

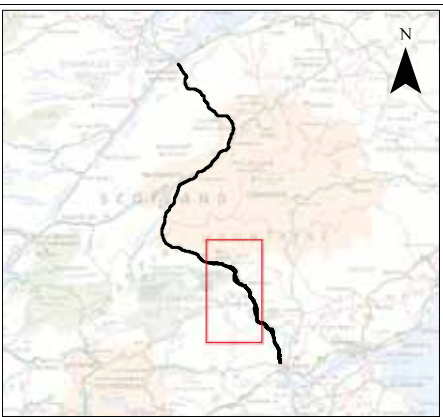


Data Source: SNH Wildness Composite Map

Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
Burdens Park, Swindon, 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 Mla			Date: 10/09/2013		
Approved by: John Fox			Date: 10/09/2013		
Drawing No: TSSEA9\ER\B\007					Rev A
Drawing scale: 1:101,000					



Section B - Option 1, 2, 4, 5



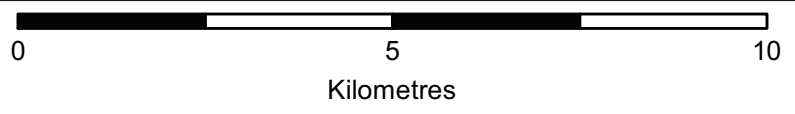
Legend

Soil Type

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

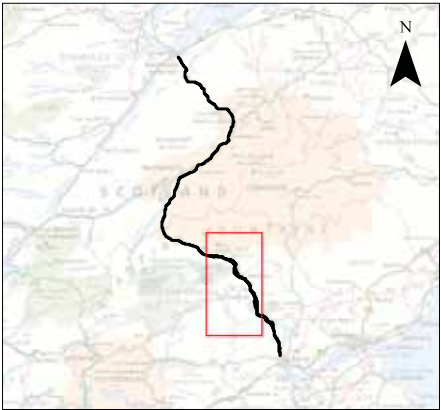
A9 Options

- Section A Option 1
- Section A Option 6
- Section B Option 1
- Section B Option 2
- Section B Option 4
- Section B Option 5
- Section C Option 1



Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
 Burdiepark Park, Swindon, SN4 0DD +44 (0)1753 812479 Project: A9 Dualling Strategic Environmental Assessment Drawing: Soils and Water - Peat and Peaty Soil Drawn by: Zahid M Approved by: John Fox Tim Hughes Jill Fox Date - 28/05/2013 Date - 28/05/2013 Drawing No: TSSEA9\ER\B\008 Rev A Drawing scale: 1:101,000					

Section B - Option 1, 2, 4, 5



Legend

Wetland Types

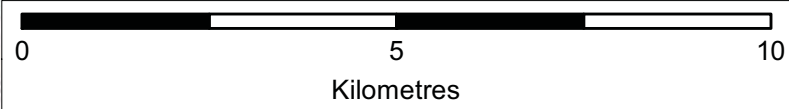
- Bog Woodland
- Fen
- Low Proportion of Wetland
- Marshy Grassland
- Montane Grassland
- Non-Specific Wetland
- Other springs
- Other wet woodland
- Peat Bog
- Seepage/flushes
- Seepages/flushes
- Swamp
- Wet Heath
- Wet Woodland
- A9 Section Breaks
- Dual Carriageway
- A9 200m Buffer

A9 Options

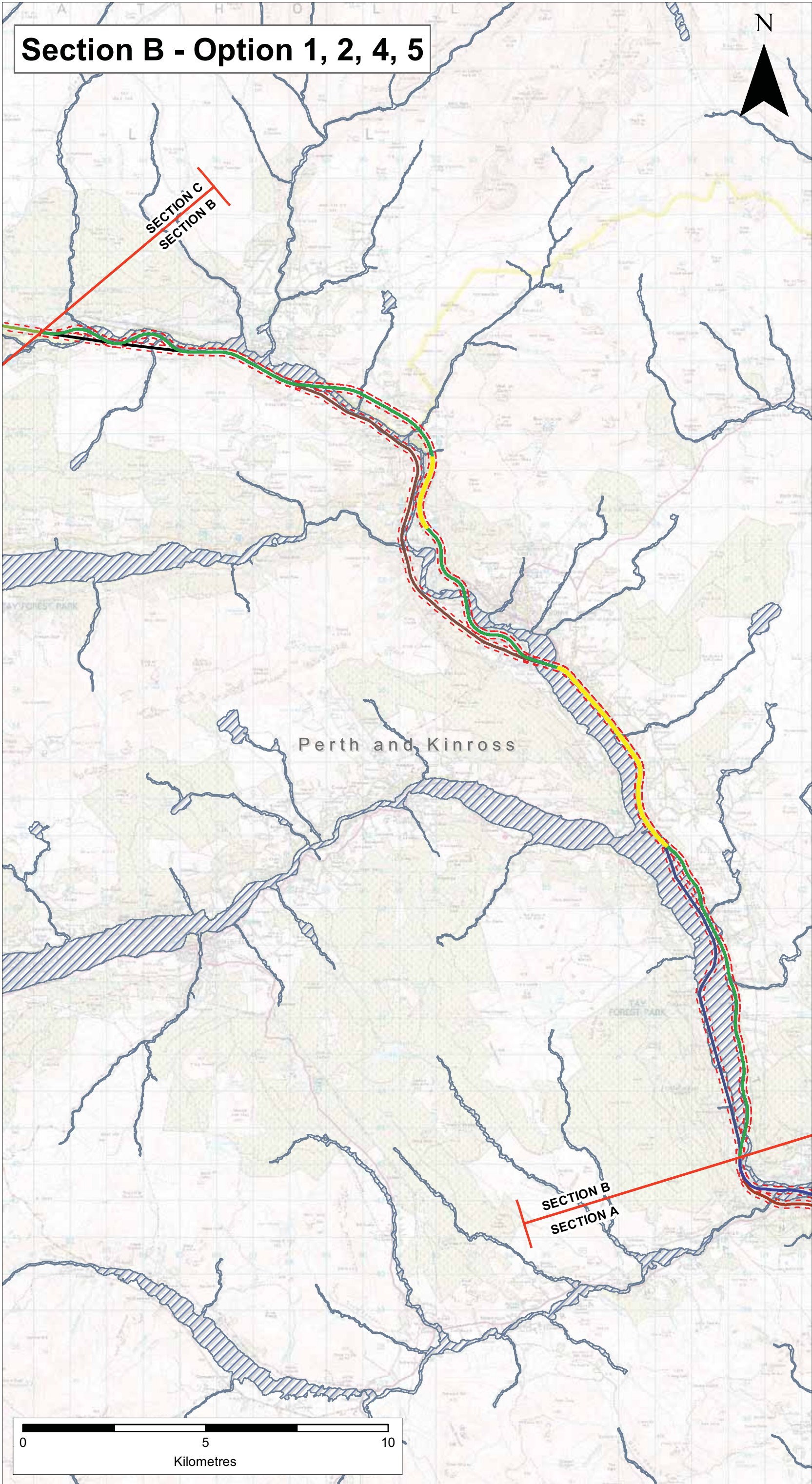
- Section A Option 1
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- Section B Option 1
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- Section B Option 4
- Section B Option 5
- Section C Option 1

Perth and Kinross

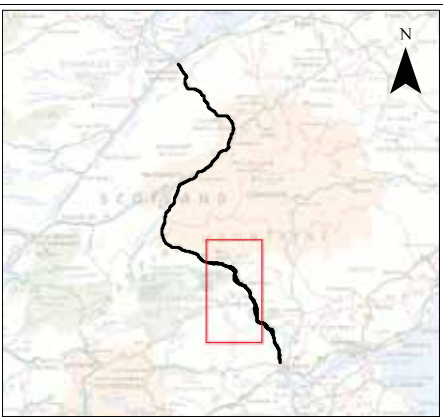
SECTION B
SECTION A



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: Soils and Water - Wetlands					
Drawn by:	Tim Hughes		Date: 28/09/2013		
Checked by:	Zahid Miah		Date: 28/09/2013		
Approved by:	John Fox		Date: 28/09/2013		
Drawing No: TSSEA9\ER\B\009			Rev A		
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Section B - Option 1, 2, 4, 5



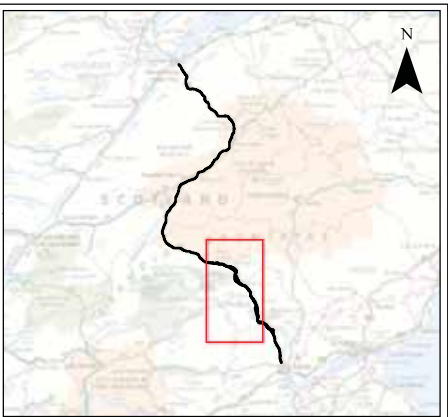
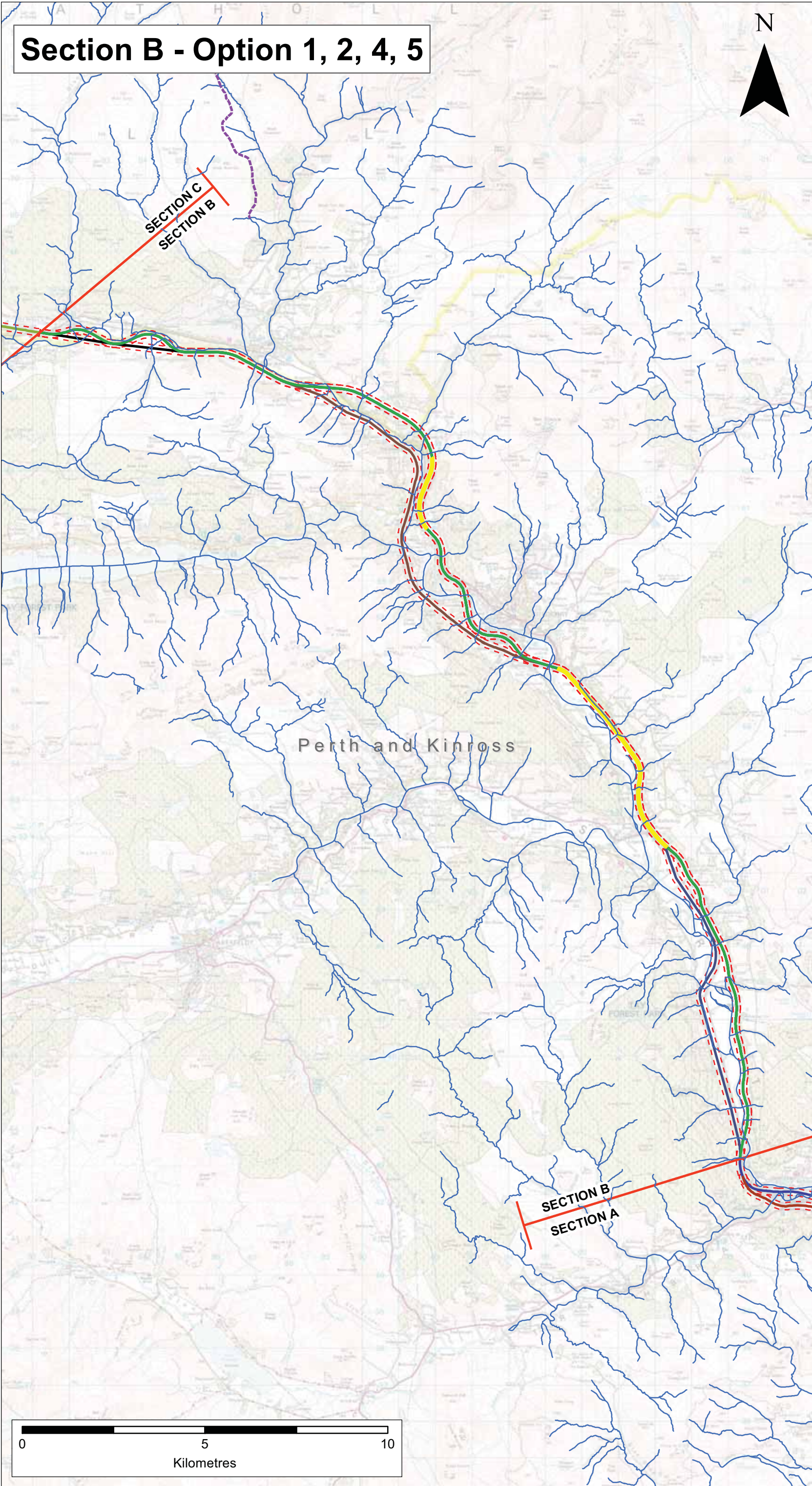
Legend

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

A9 Options

- Section A Option 1
- Section A Option 6
- Section B Option 1
- Section B Option 2
- Section B Option 4
- Section B Option 5
- Section C 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 0GD +44 (0)1753 812479					
Project: A9 Dualling Strategic Environmental Assessment					
Drawing: Soils and Water - 200yr Flood Risk Zone					
Drawn by: Tim Hughes			Date: 28/09/2013		
Checked by: Zahid Miah			Date: 28/09/2013		
Approved by: John Fox			Date: 28/09/2013		
Drawing No: TSSEA9\ER\B\010					Rev A
Drawing scale: 1:101,000					



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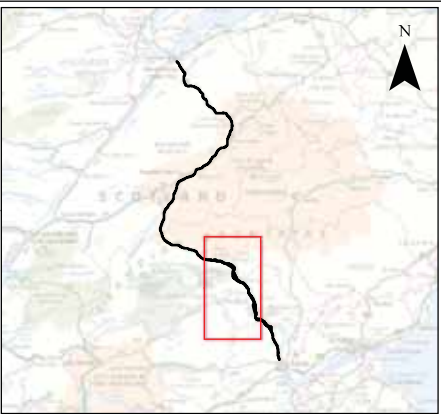
- Surface Pipes
- Rivers
- A9 Section Breaks
- Dual Carriageway
- A9 200m Buffer

A9 Options

- Section A Option 1
- Section A Option 6
- Section B Option 1
- Section B Option 2
- Section B Option 4
- Section B Option 5
- Section C 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: Soils and Water - Surface Watercourses					
Drawn by: Tim Hughes			Date - 10/09/2013		
Checked by: Zahid Mla			Date - 10/09/2013		
Approved by: John Fox			Date - 10/09/2013		
Drawing No: TSSEA9\ER\B\011					Rev A
Drawing scale: 1:101,000					

Section B - Option 1, 2, 4, 5



Legend

Land Capability for Agriculture (Grade)

- Arable Agriculture (Grade 1-3.1)
- Mixed Agriculture (Grade 3.2-4.2)
- Improved Grassland (Grade 5.1-5.3)
- Rough Grazing (Grade 6.1-7)
- Water
- Urban
- Other

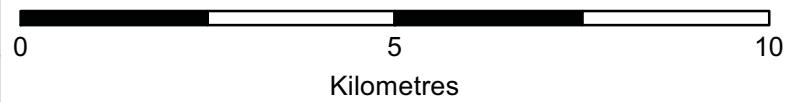
- A9 Section Breaks
- Dual Carriageway
- A9 200m Buffer

A9 Options

- Section A Option 1
- Section A Option 6
- Section B Option 1
- Section B Option 2
- Section B Option 4
- Section B Option 5
- Section C Option 1

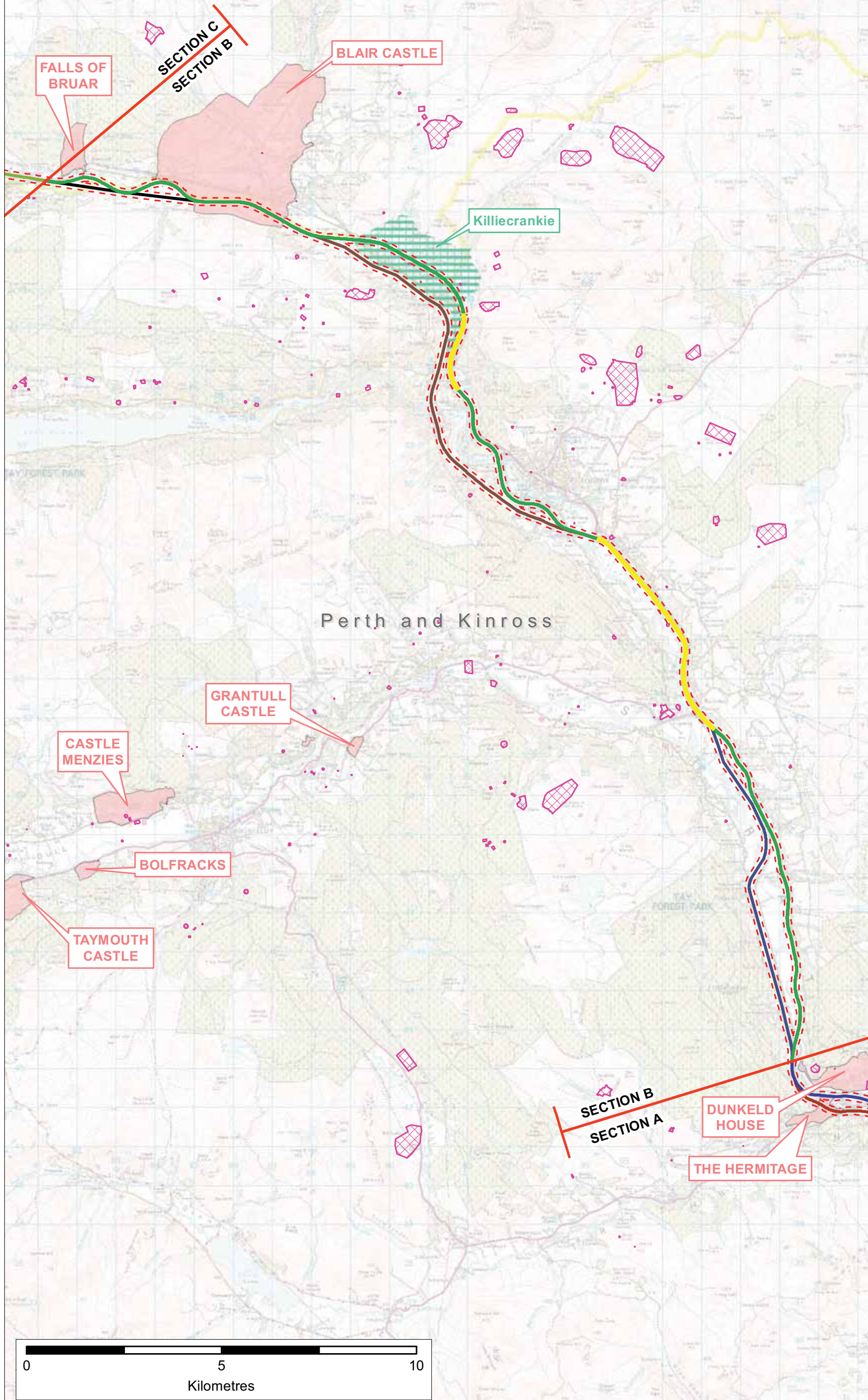
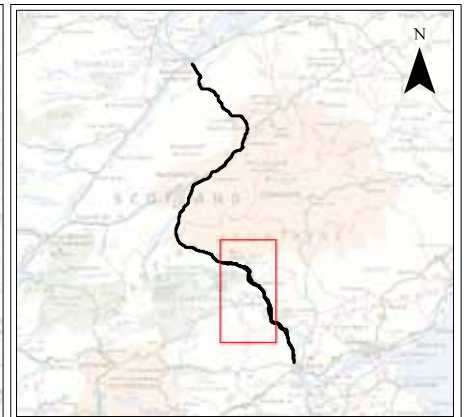
Perth and Kinross

SECTION B
SECTION A



Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
   Burdieop Park, Swindon, SN4 0DD +44 (0)1793 812479 Project: A9 Dualling Strategic Environmental Assessment Drawing: Soils and Water - Land Capability for Agriculture Drawn by: Tim Hughes Checked by: Zahid Miah Approved by: John Fox Date: 10/09/2013 Date: 10/09/2013 Date: 10/09/2013 Drawing No: TSSEA9\ER\B\012 Rev A					
Drawing scale: 1:101,000					

Section B - Option 1, 2, 4, 5



Legend

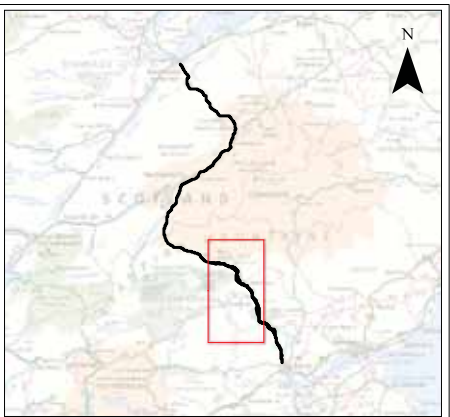
- Scheduled Monuments
- Gardens & Designed Landscapes
- Battlefields
- A9 Section Breaks
- Dual Carriageway
- A9 200m Buffer

A9 Options

- Section A Option 1
- Section A Option 6
- Section B Option 1
- Section B Option 2
- Section B Option 4
- Section B Option 5
- Section C 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: Historic Environment - Scheduled Monuments, Battlefields, Gardens & Designed Landscapes					
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\B\013					Rev A
Drawing scale: 1:101,000					

Section B - Option 1, 2, 4, 5



Legend

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

A9 Options

- Section A Option 1
- Section A Option 6
- Section B Option 1
- Section B Option 2
- Section B Option 4
- Section B Option 5
- Section C Option 1

Perth and Kinross

GRANDTULLY AND STRATHTAY

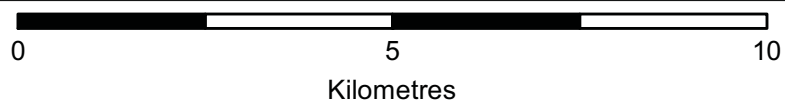
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BLAIR ATHOLL

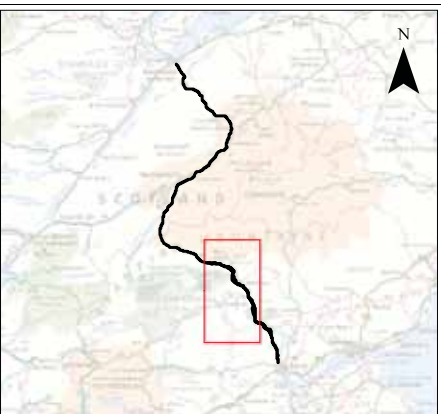
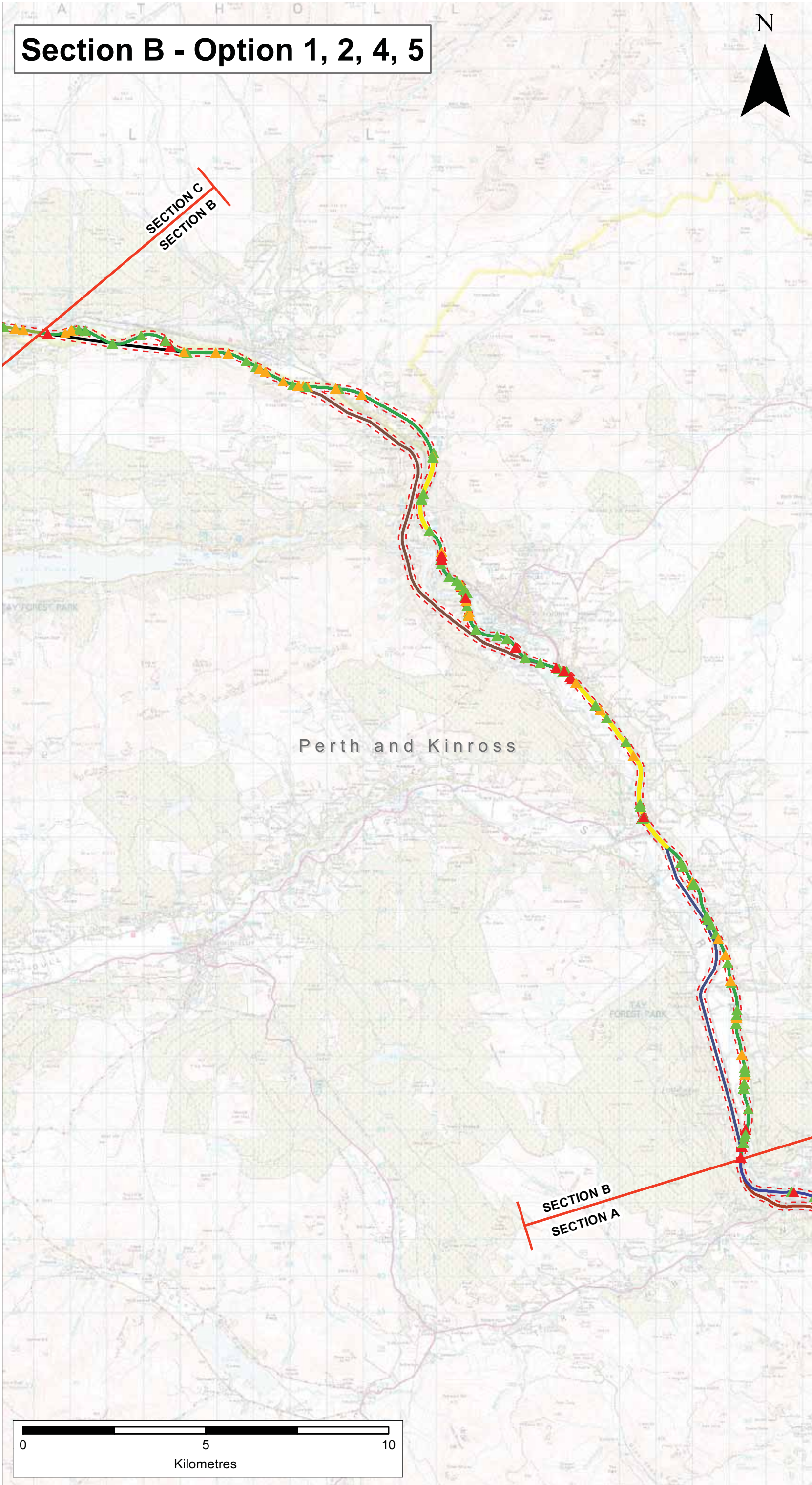
MOULIN

PITLOCHRY

SECTION B
SECTION A



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: Historic Environment - Listed Buildings & Conservation Areas Drawn by: Tim Hughes Checked by: Zahid Miah Approved by: John Fox Date: 14/09/2013 Date: 14/09/2013 Date: 14/09/2013 Drawing No: TSSEA9\ER\B\014 Rev A					
Drawing scale: 1:101,000					



Legend

Accident Severity

- Fatal
- Serious
- Slight

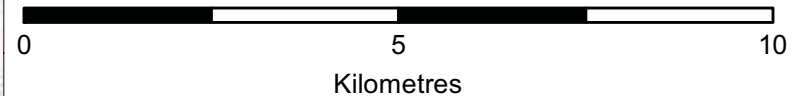
- A9 Section Breaks
- Dual Carriageway
- A9 200m Buffer

A9 Options

- Section A Option 1
- Section A Option 6
- Section B Option 1
- Section B Option 2
- Section B Option 4
- Section B Option 5
- Section C Option 1

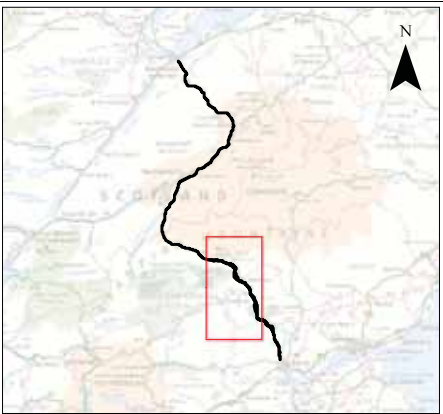
Section B - Option 1, 2, 4, 5

Perth and Kinross



Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
   Burdens Park, Swindon, SN4 0GD +44 (0)1793 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 Miah	Date:	14/09/2013		
Approved by:	John Fox	Date:	14/09/2013		
Drawing No: TSSEA9\ER\B\015					Rev A
Drawing scale: 1:101,000					

Section B - Option 1, 2, 4, 5



Legend

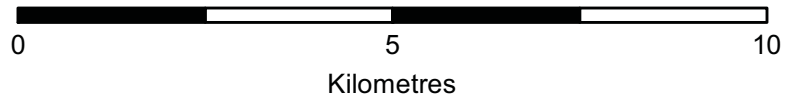
- National Cycle Network Route 77
- National Cycle Network Route 7
- Perth & Kinross Core Paths
- A9 Section Breaks
- Dual Carriageway
- A9 200m Buffer

A9 Options

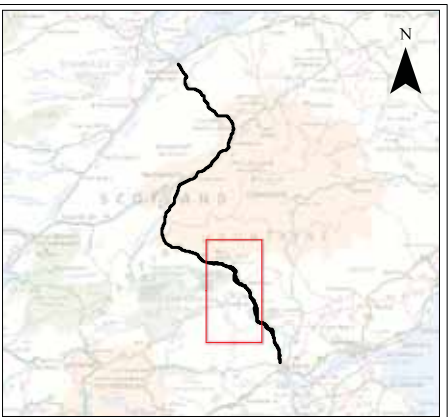
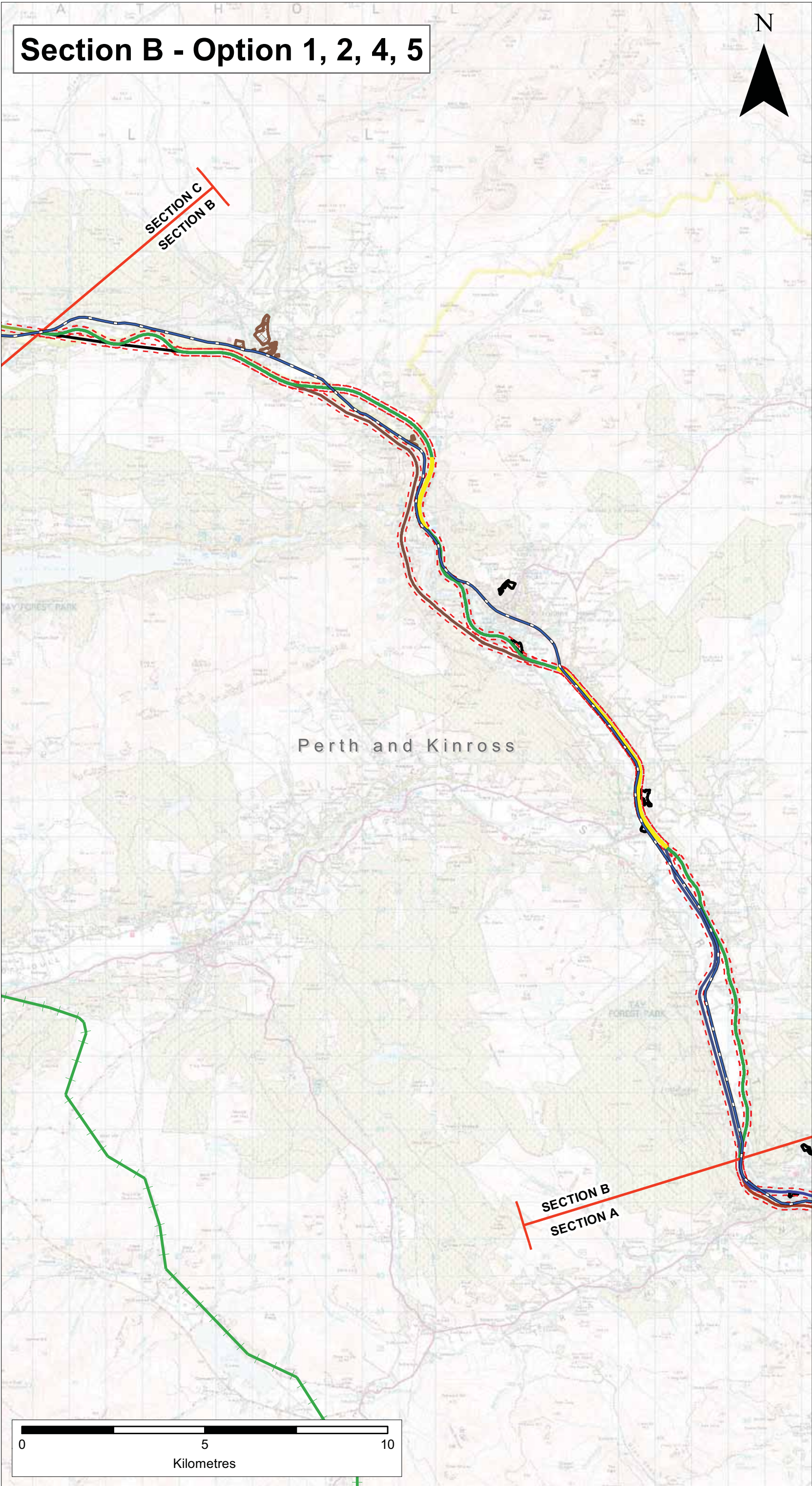
- Section A Option 1
- Section A Option 6
- Section B Option 1
- Section B Option 2
- Section B Option 4
- Section B Option 5
- Section C Option 1

Perth and Kinross

SECTION B
SECTION A



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 - Core Paths and Cycle Routes					
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\B\016					Rev A
Drawing scale: 1:101,000					



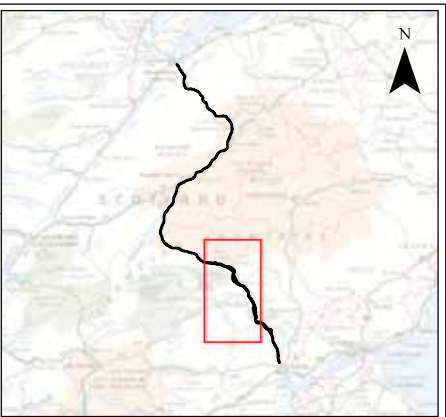
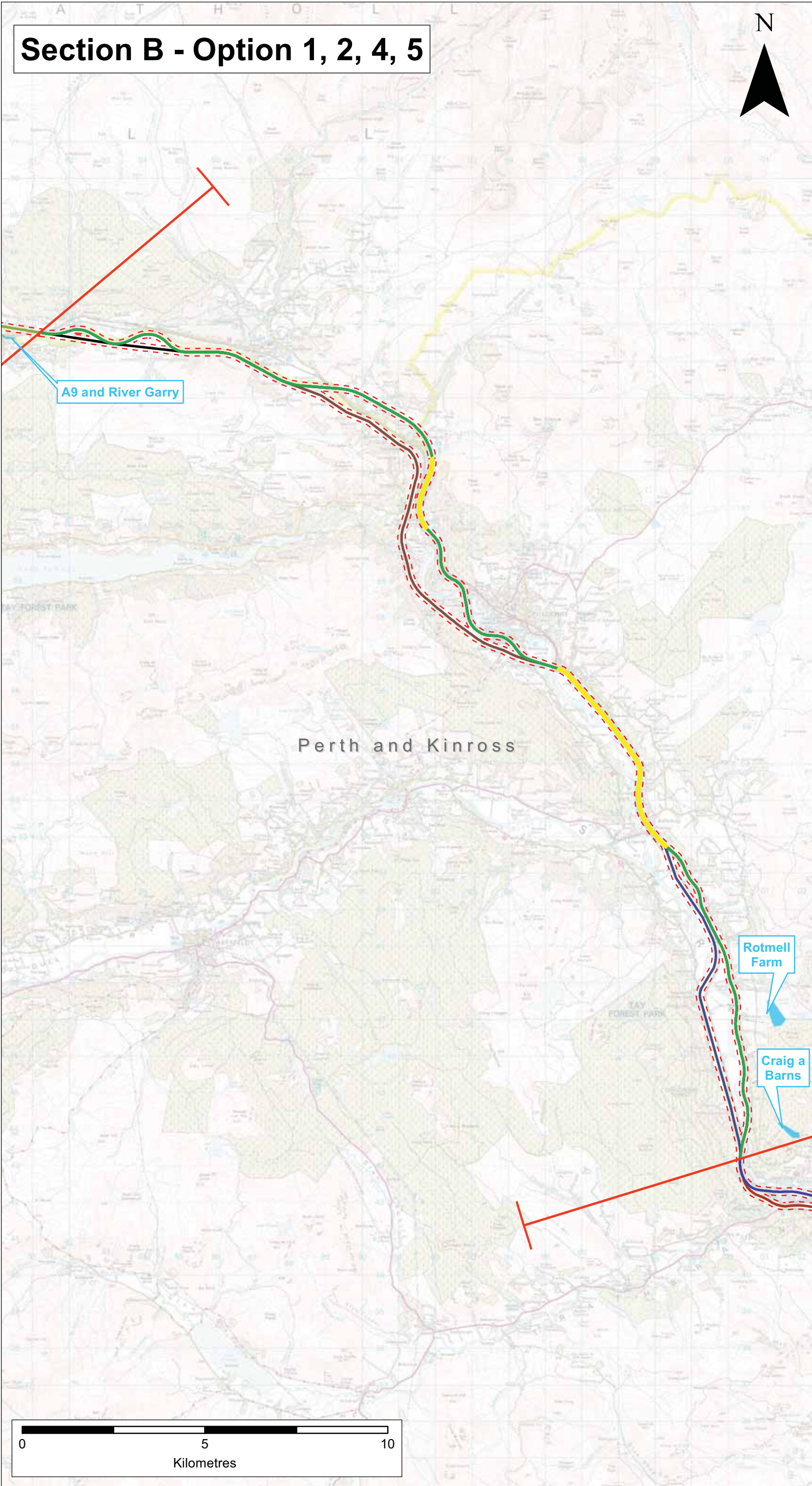
Legend

- Beaulieu Denny Line
- Highland Mainline Railway
- Cairngorms National Park LDP Zones
- Perth & Kinross LDP Proposals
- A9 Section Breaks
- Dual Carriageway
- A9 200m Buffer

A9 Options

- Section A Option 1
- Section A Option 6
- Section B Option 1
- Section B Option 2
- Section B Option 4
- Section B Option 5
- Section C 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 - Other Corridor Infrastructure					
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\B\017					Rev A
Drawing scale: 1:101,000					



Legend

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

A9 Options

- Section A Option 1
- Section A Option 6
- Section B Option 1
- Section B Option 2
- Section B Option 4
- Section B Option 5
- Section C 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		
Checked by: Zahid Msa			Date: 10/09/2013		
Approved by: John Fox			Date: 10/09/2013		
Drawing No: TSSEA9\ER\B\018					Rev A
Drawing scale: 1:101,000					



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