



A9 Dualling Programme

SEA Environmental Report

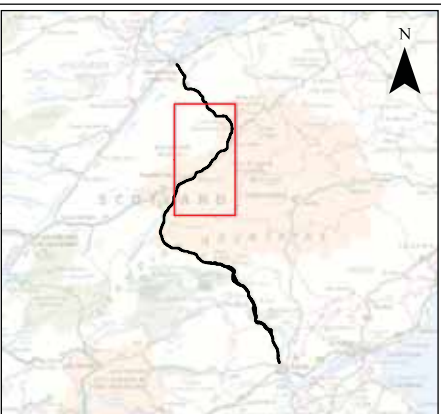
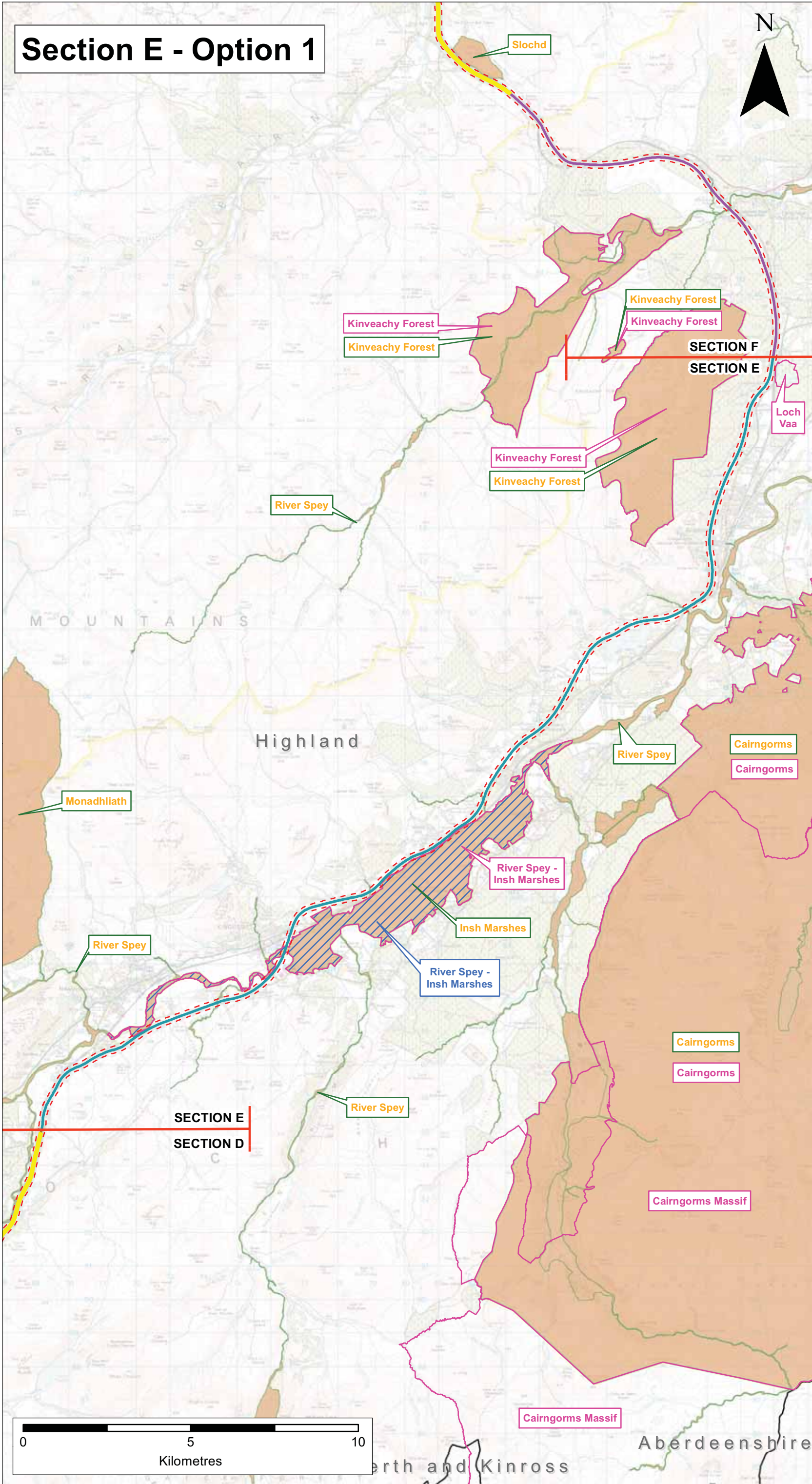
Appendix D5

GIS Constraint Mapping – A9 Section E

June 2013



Section E - Option 1



Legend

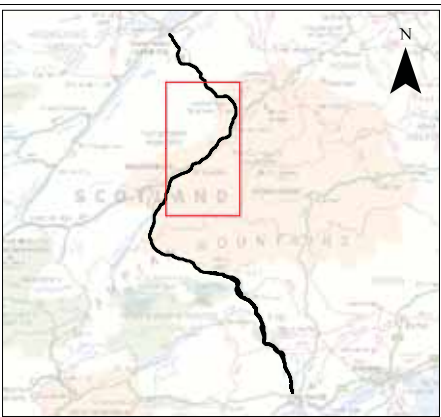
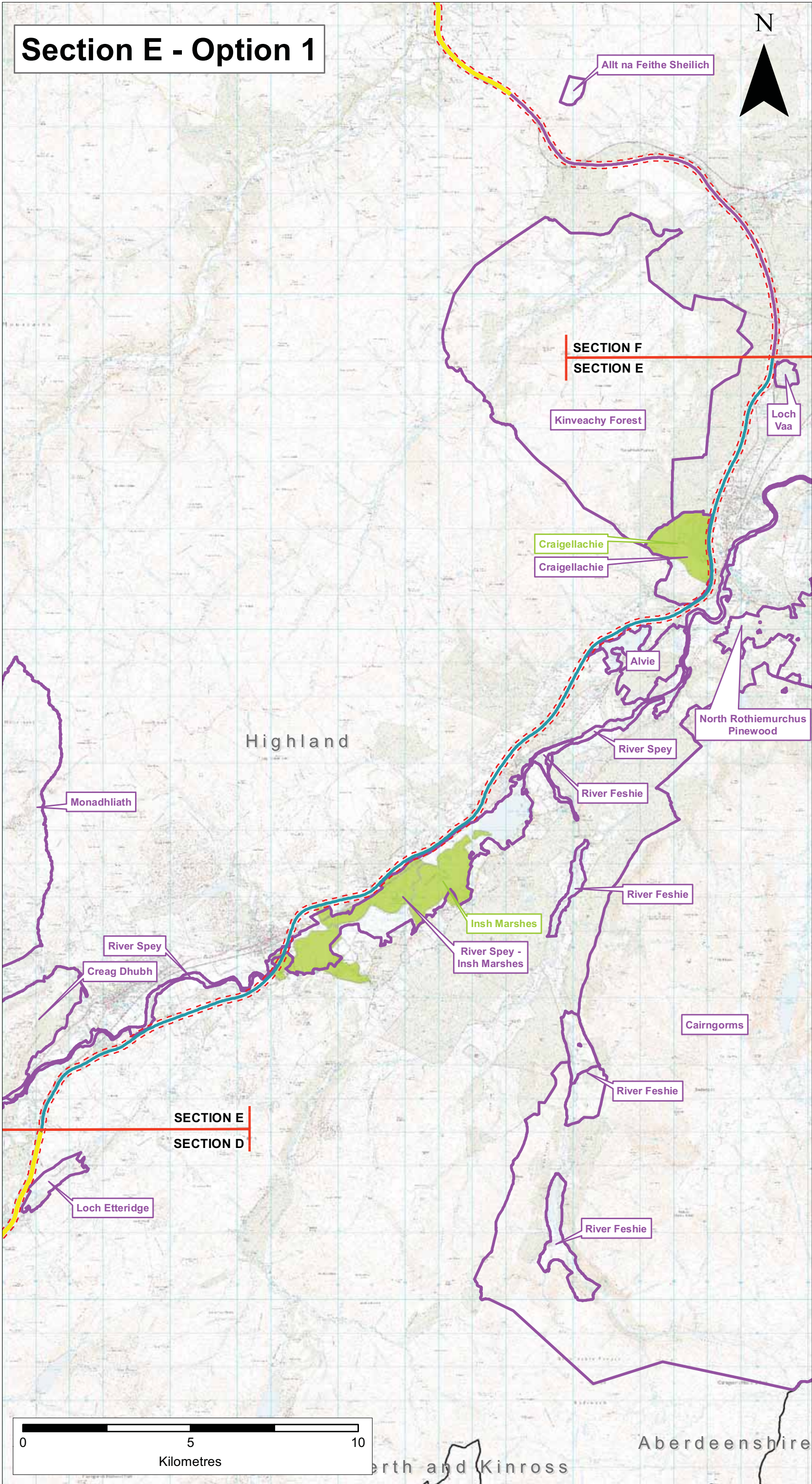
- SPA
- Ramsar Sites
- SAC
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer

A9 Options

- Section D Option 1
- Section E Option 1
- Section F 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 - Natura and Ramsar Sites Drawn by: Tim Hughes Checked by: Zahid Miah Approved by: John Fox Date: 09/09/2013 Date: 09/09/2013 Date: 09/09/2013 Drawing No: TSSEA9/ER/E/001 Rev A Drawing scale: 1:110,000					

Section E - Option 1



Legend

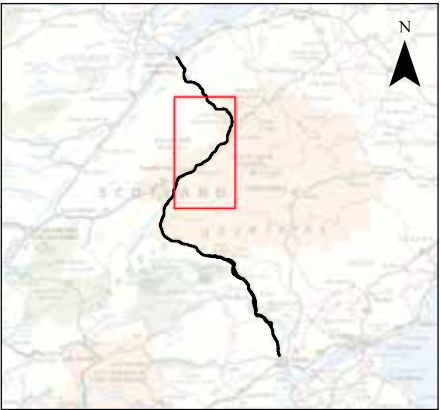
- SSSI
- National Nature Reserves
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer

A9 Options

- Section D Option 1
- Section E Option 1
- Section F 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: A9 Biodiversity, Flora & Fauna - SSSI Sites and National Nature Reserves Drawn by: Tim Hughes Checked by: Zahid M Approved by: John Fox Drawing No: TSSEA9\ER\E\002 Rev A					
Drawing scale: 1:110,000					

Section E - Option 1

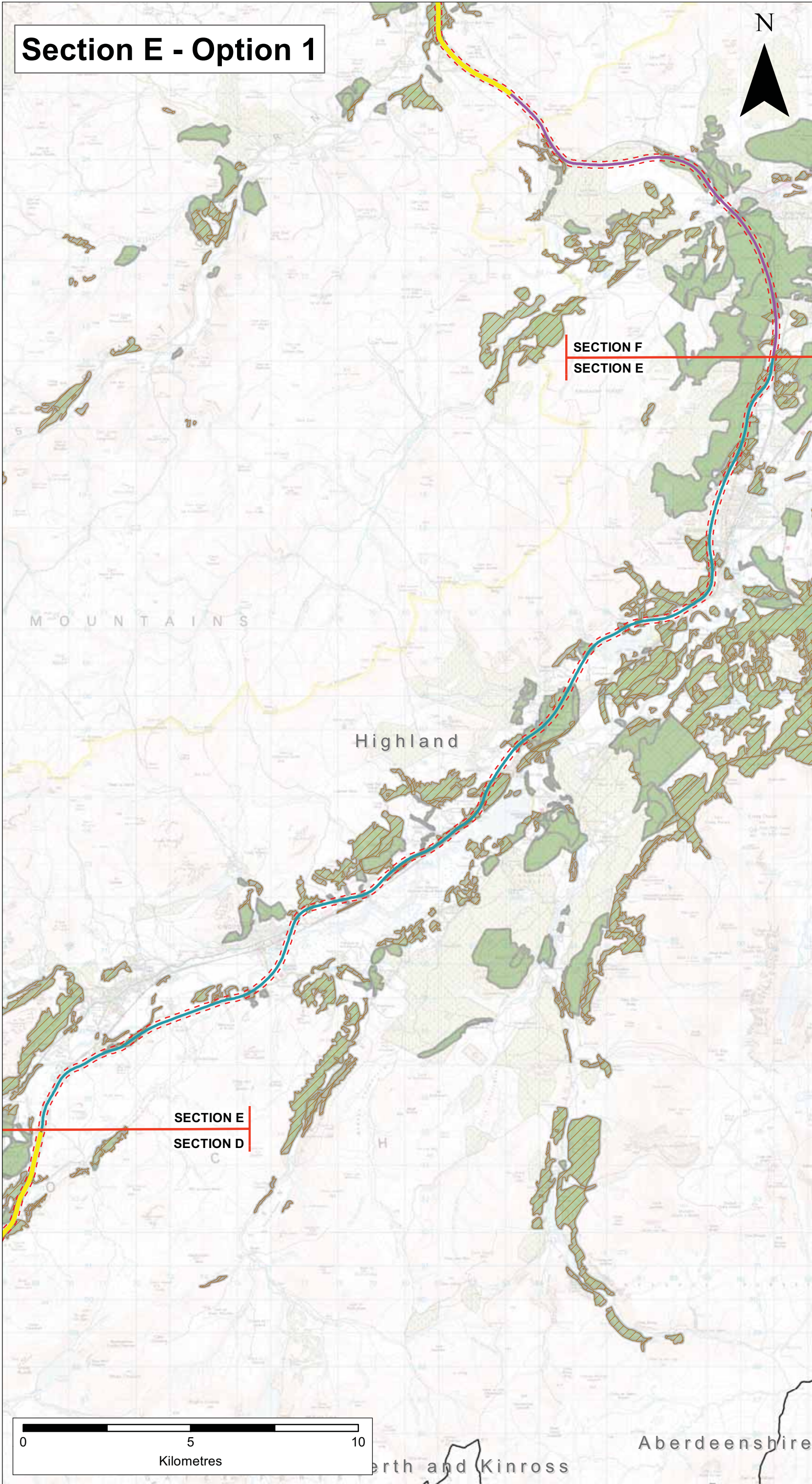


Legend

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

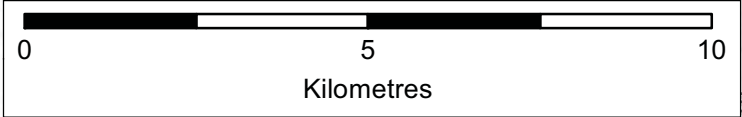
A9 Options

- Section D Option 1
- Section E Option 1
- Section F Option 1



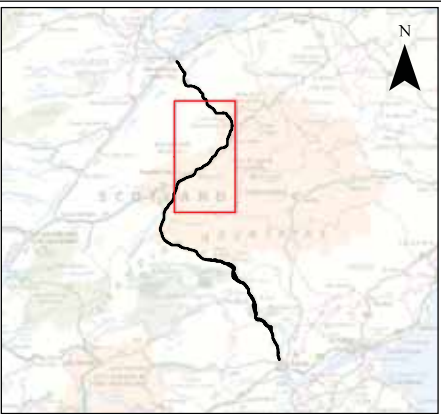
SECTION E
SECTION D

SECTION F
SECTION E



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 - 30/04/2013		
Checked by: Zahid Mla			Date - 30/04/2013		
Approved by: John Fox			Date - 30/04/2013		
Drawing No: TSSEA9\ER\E1003					Rev A
Drawing scale: 1:110,000					

Section E - Option 1



Legend

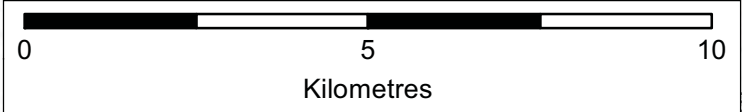
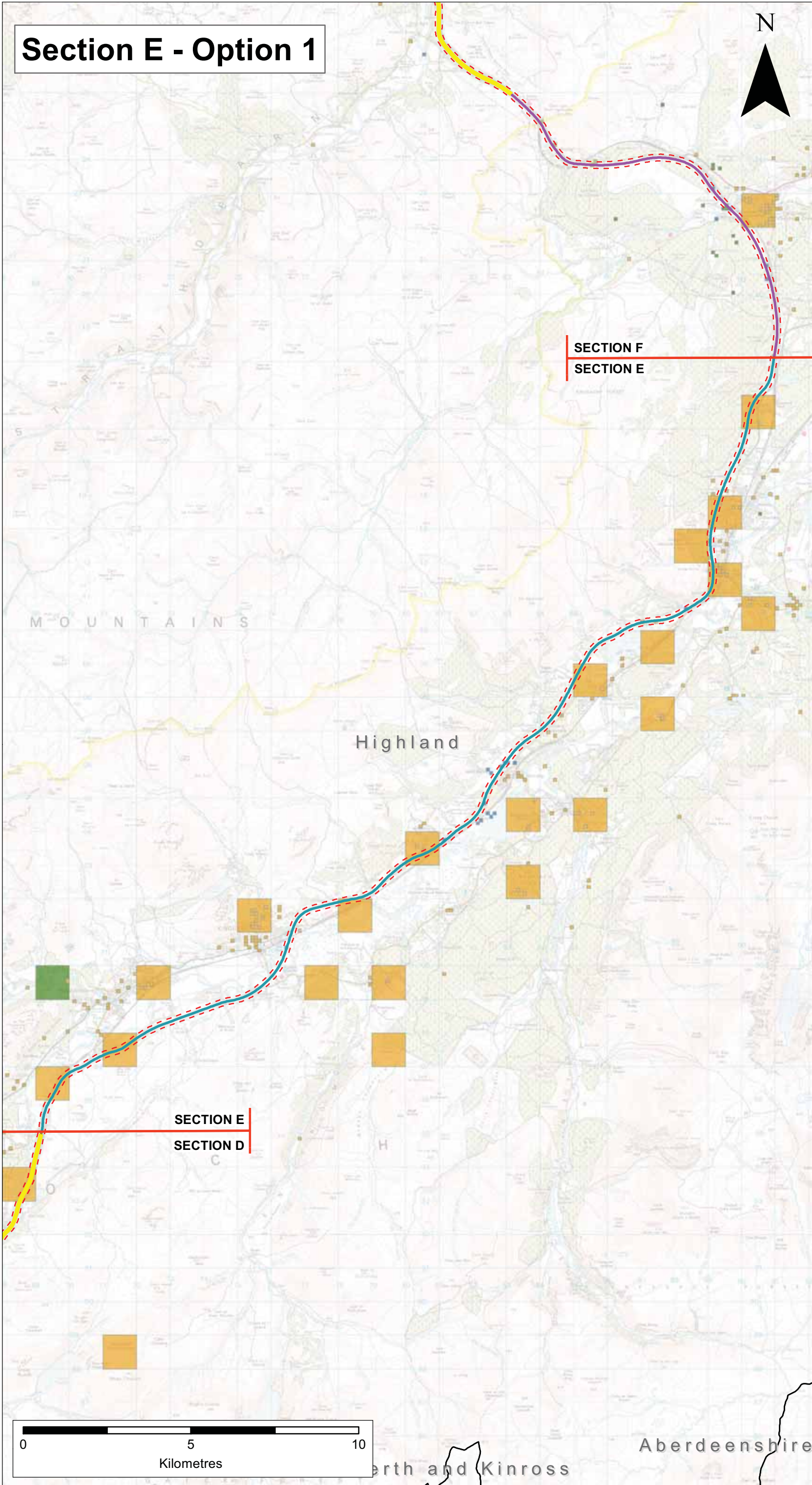
Species

- European Otter
- Eurasian Red Squirrel
- Wildcat

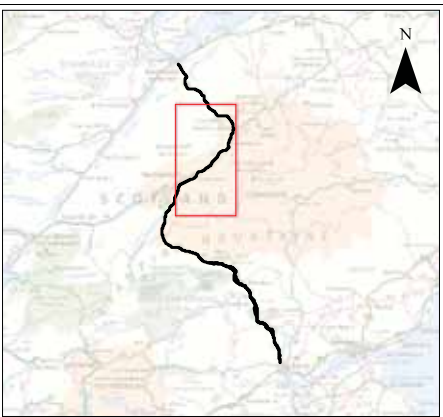
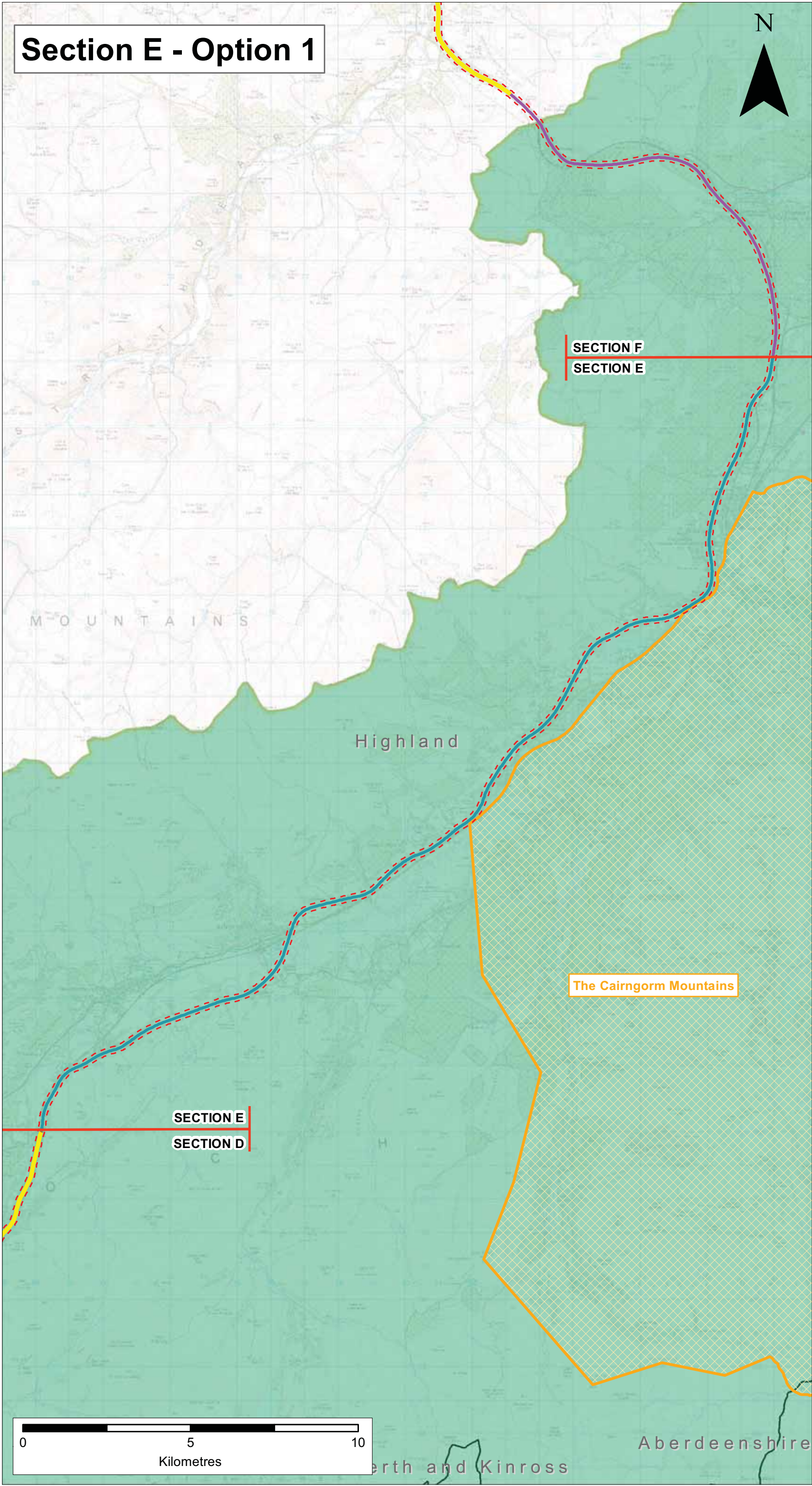
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer

A9 Options

- Section D Option 1
- Section E Option 1
- Section F 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 - National Biodiversity Network Species Data					
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\1004					Rev A
Drawing scale: 1:110,000					



Legend

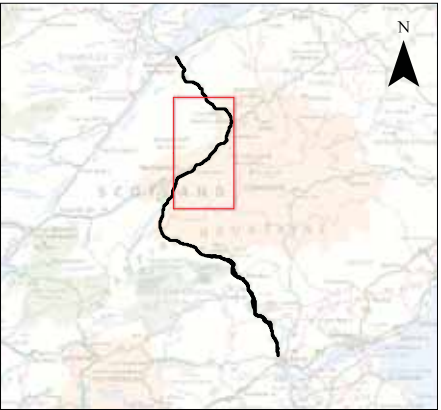
- National Scenic Area
- Cairngorm National Park Authority
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer

A9 Options

- Section D Option 1
- Section E Option 1
- Section F 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:					
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\E\005					Rev A
Drawing scale: 1:110,000					

Section E - Option 1



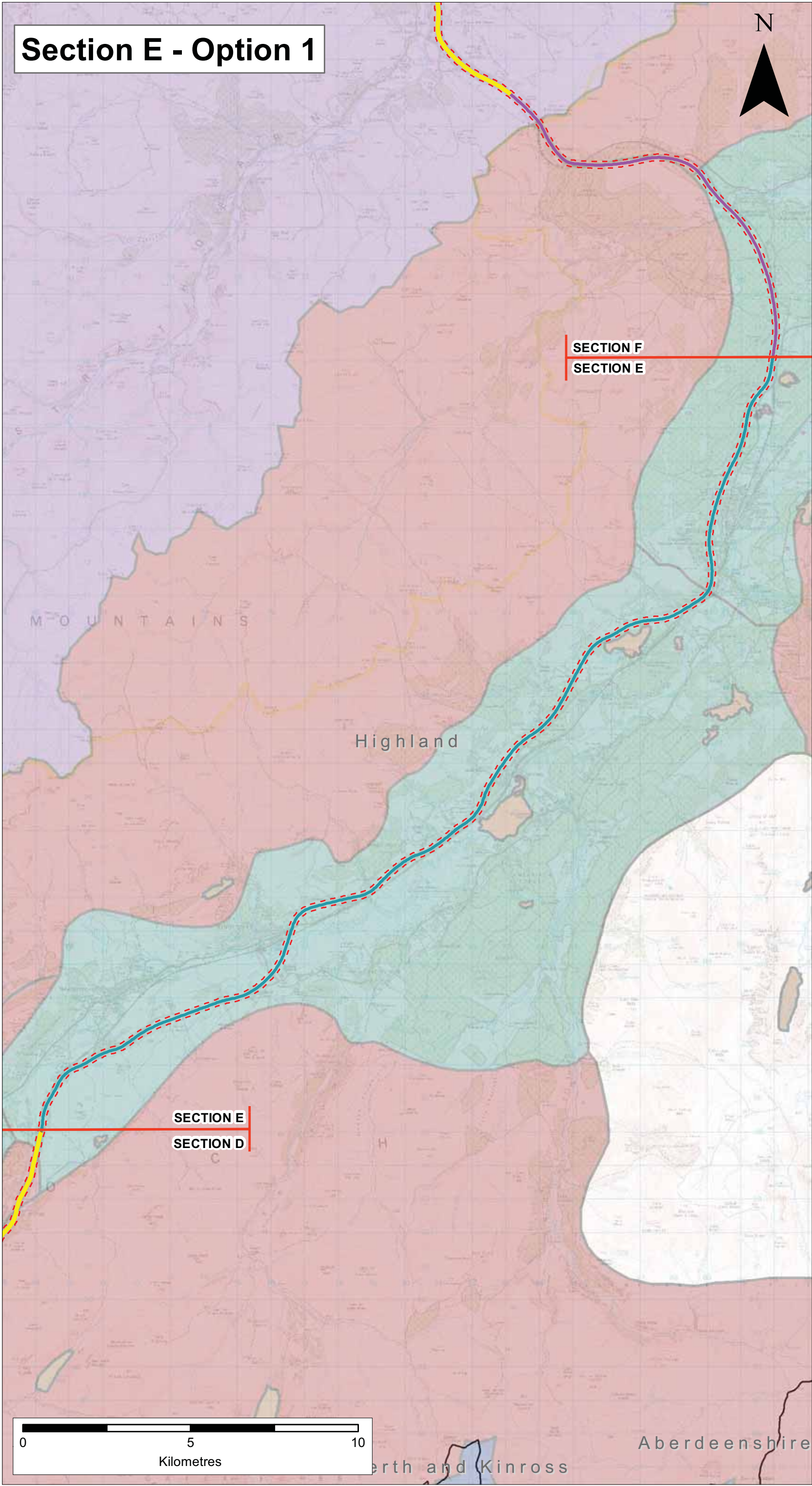
Legend

Landscape Character Types

- Cairngorm Straths
- Highland Summits & Plateaux
- Inland Loch
- Loch Island
- Rolling Uplands
- Uplands and Glens
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer

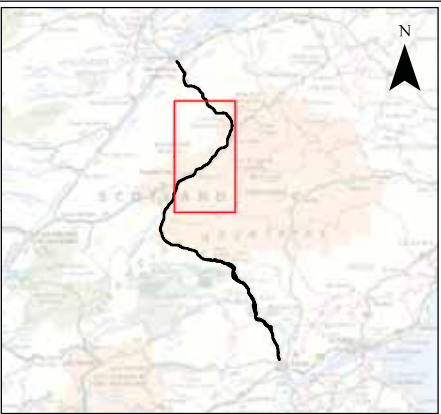
A9 Options

- Section D Option 1
- Section E Option 1
- Section F Option 1



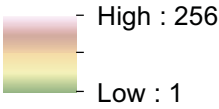
Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
 TRANSPORT SCOTLAND  A9 DUALLING PATH TO INFERENCE Burdens Park, Swindon, SN4 0DD +44 (0)1753 812479  Halcrow A CREM HILL COMPANY					
Project: A9 Dualling Strategic Environmental Assessment					
Drawing: Landscape - 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\E\006					Rev A
Drawing scale: 1:110,000					

Section E - Option 1



Legend

Wildness



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

A9 Options

- Section D Option 1
- Section E Option 1
- Section F Option 1

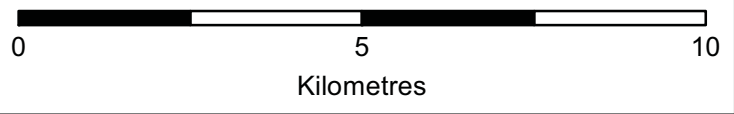
Highland

Aberdeenshire

Perth and Kinross

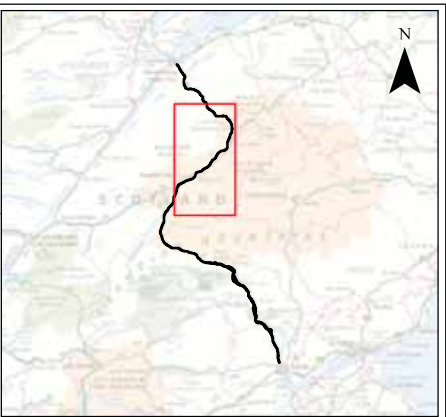
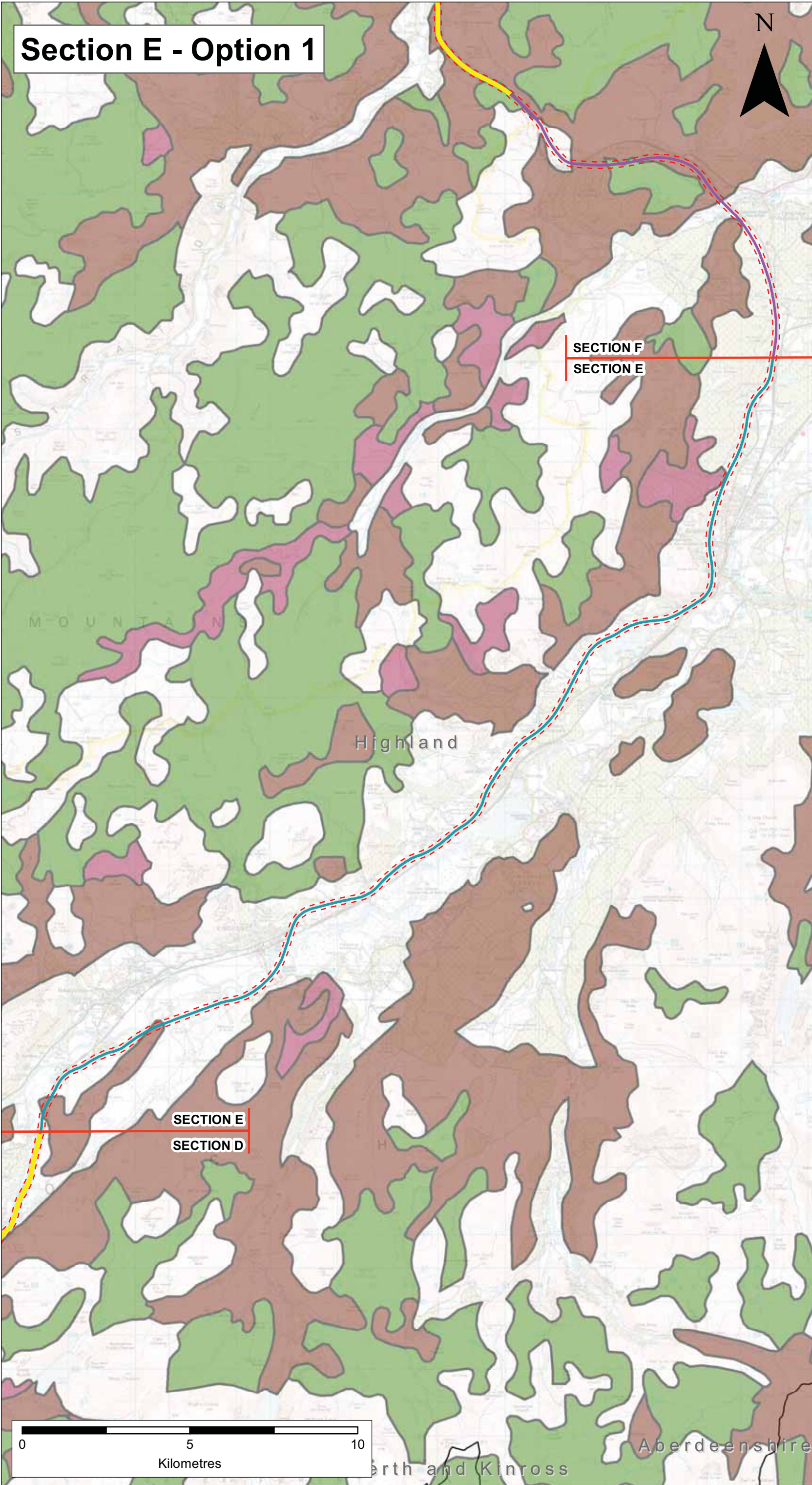
SECTION E
SECTION D

SECTION F
SECTION E



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
Burdieop 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\ERE\007					Rev A
Drawing scale: 1:110,000					



Legend

Soil Type

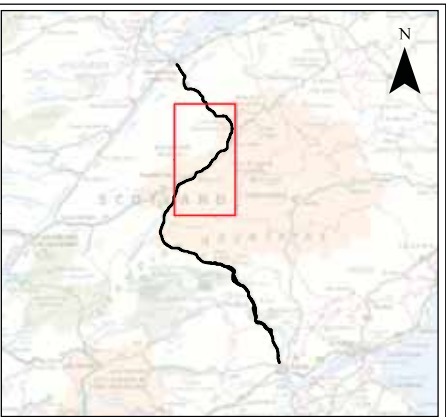
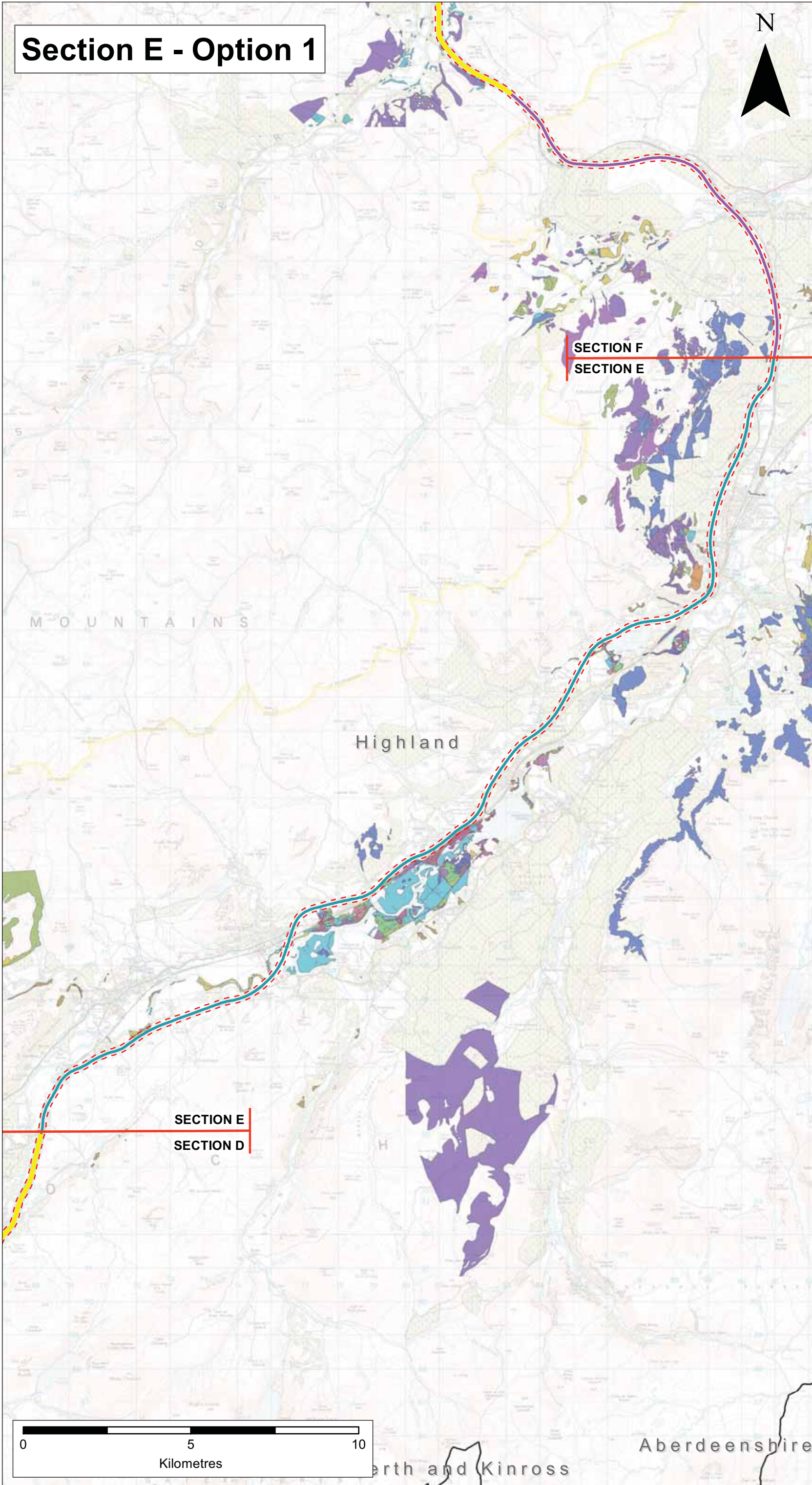
- Peat
- Peaty gleys
- Peaty podzols

A9 Options

- Section D Option 1
- Section E Option 1
- Section F 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\1008					Rev A
Drawing scale: 1:110,000					

Section E - Option 1



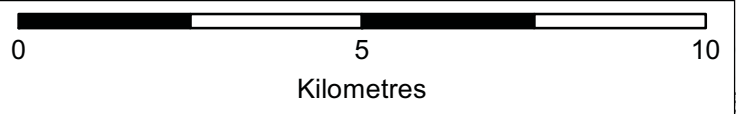
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Wetland Types

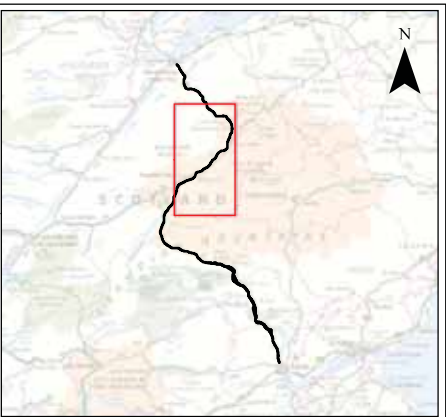
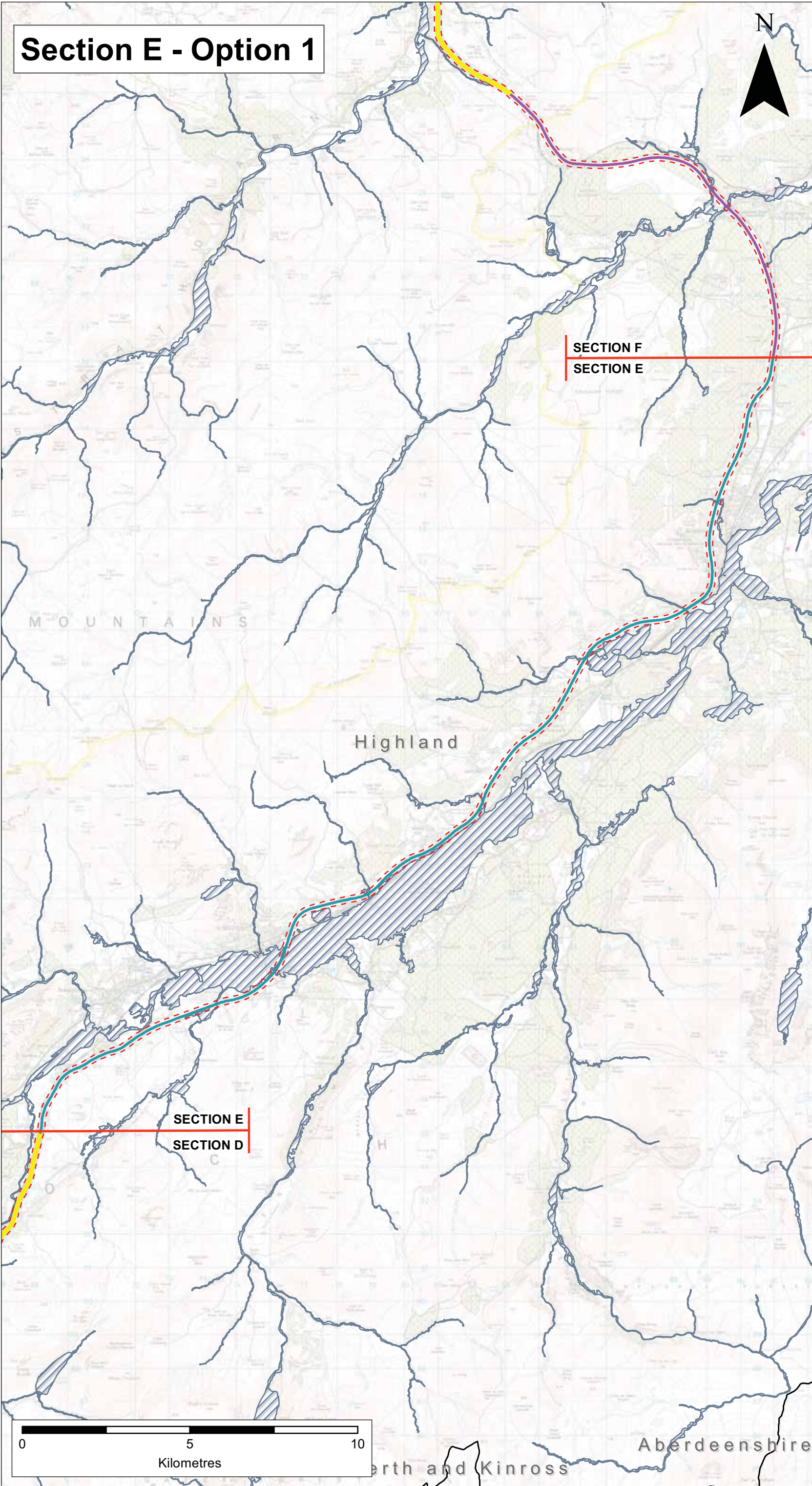
- Bog Woodland
- Fen
- Marshy Grassland
- Marshy grassland/Montane grassland
- Montane Grassland
- Montane flushes
- Non-Specific Wetland
- Other springs
- Other wet woodland
- Peat Bog
- Quaking bog
- Reedbed
- Seepage/flushes
- Seepages/flushes
- Springs, flushes and seepages
- Still to assign - Refer to [Veg_Communi]
- Swamp
- Wet Heath
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer

A9 Options

- Section D Option 1
- Section E Option 1
- Section F Option 1



Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
   Burdurp Park, Swindon, SN4 0DD +44 (0)1793 812479 Project: A9 Dualling Strategic Environmental Assessment					
Drawing: Soils and Water - Wetlands					
Drawn by:	Tim Hughes	Date:	03/09/2013		
Checked by:	Zahid Miah	Date:	03/09/2013		
Approved by:	John Fox	Date:	03/09/2013		
Drawing No: TSSEA9/ER/E1009					Rev A
Drawing scale: 1:110,000					



Legend

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

A9 Options

-  Section D Option 1
-  Section E Option 1
-  Section F Option 1

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

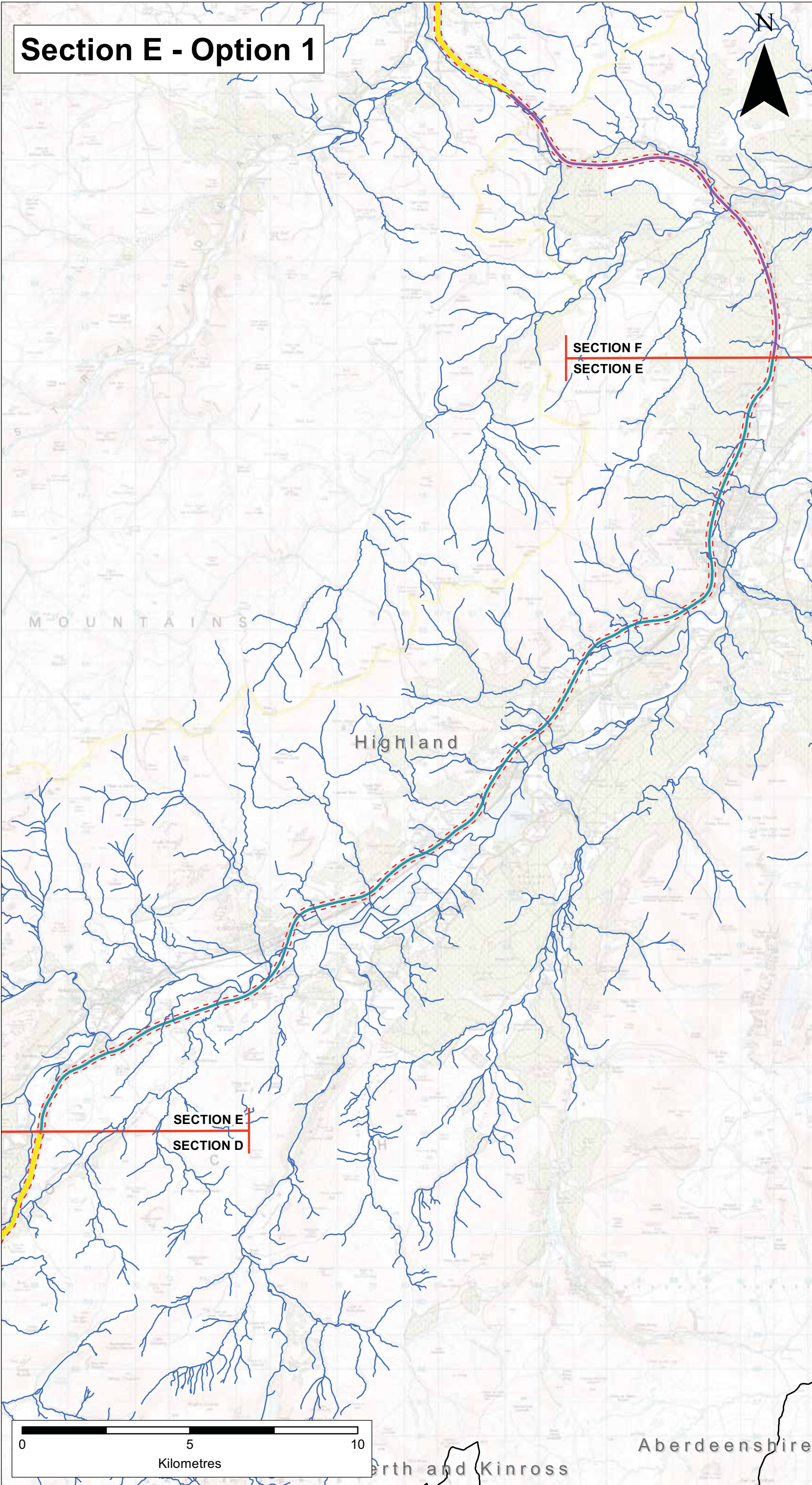
	
Burslem Park, Swindon, SN4 0DD +44 (0)1793 812479	
	

Project: A9 Dualling Strategic Environmental Assessment	
Drawing: Soils and Water - 200yr Flood Risk Zone	

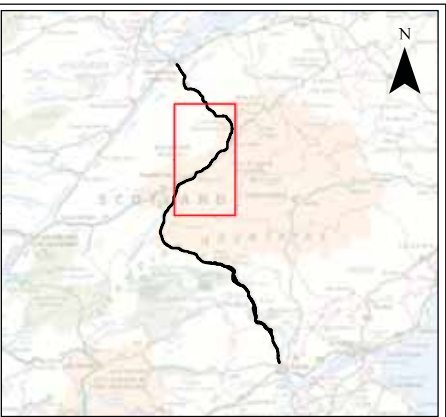
Drawn by:	Tim Hughes	Date:	03/09/2013
Checked by:	Zahid Mla	Date:	03/09/2013
Approved by:	John Fox	Date:	03/09/2013

Drawing No: TSSEA9\ER\010	Rev A
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Drawing scale:	1:110,000
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Section E - Option 1



Legend

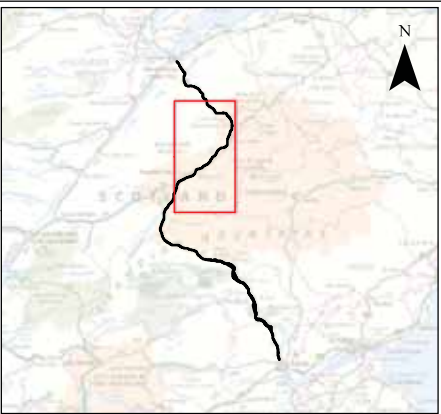
- Rivers
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer

A9 Options

- Section D Option 1
- Section E Option 1
- Section F Option 1

Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
Burslop Park, Swinford, SN4 0DD +44 (0)1793 812479 Project: A9 Dualling Strategic Environmental Assessment Drawing: Soils and Water - Surface Watercourses Drawn by: Tim Hughes Checked by: Zahid Mla Approved by: John Fox Date - 10/09/2013 Date - 10/09/2013 Date - 10/09/2013 Drawing No: TSSEA9\ER\011 Rev A Drawing scale: 1:110,000					

Section E - Option 1



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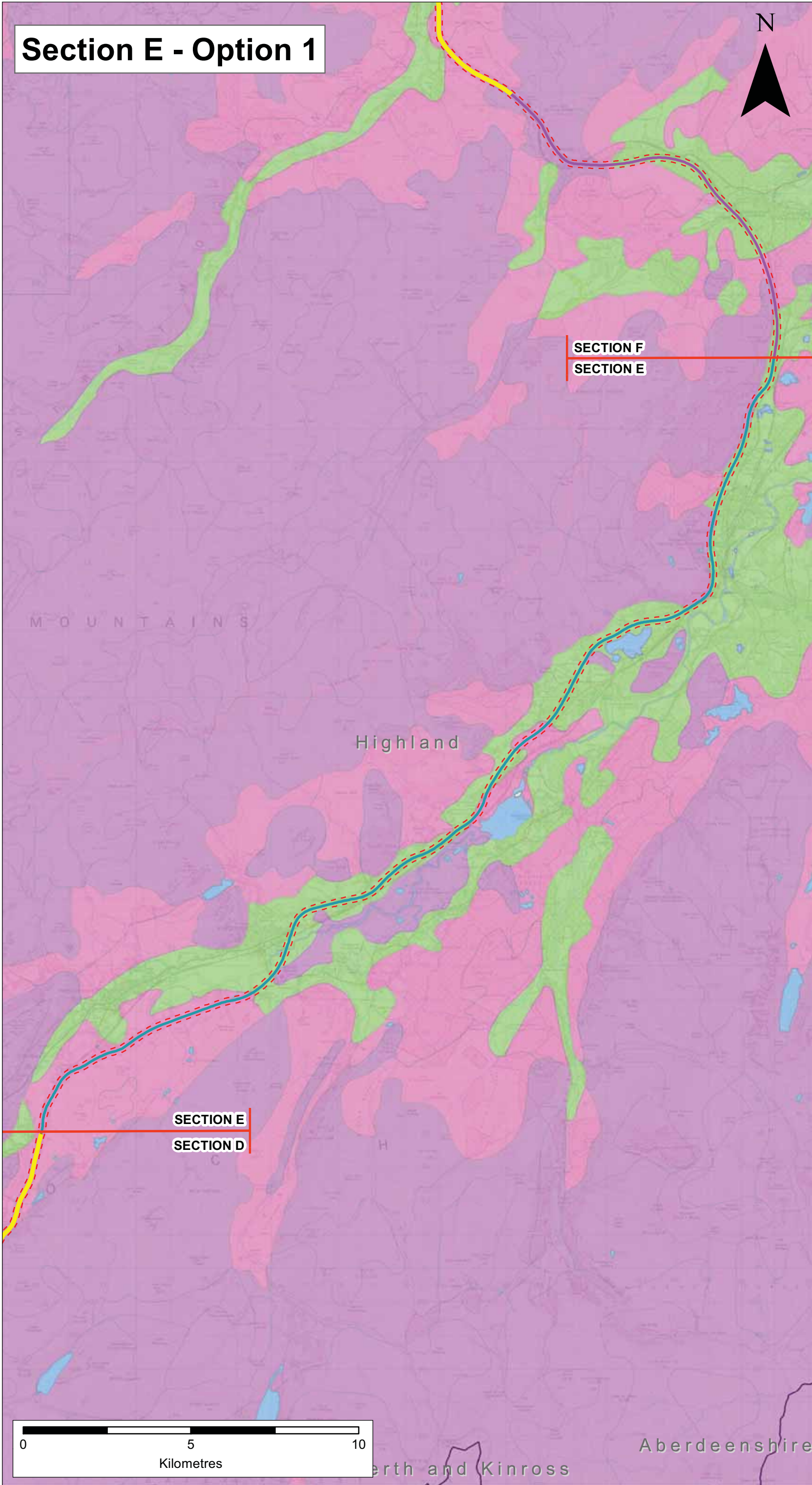
Land Capability for Agriculture (Grade)

- 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

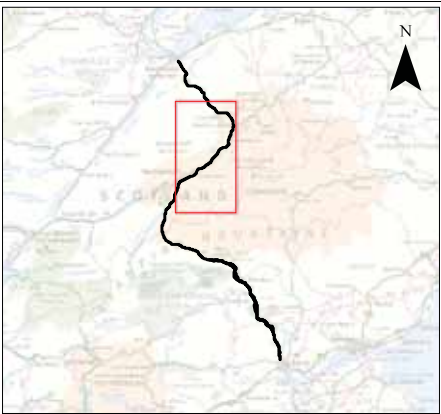
A9 Options

- Section D Option 1
- Section E Option 1
- Section F Option 1



Rev	Rev date	Purpose of revision	Drawn	Checked	Apprv'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 - 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\012					Rev A
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Section E - Option 1

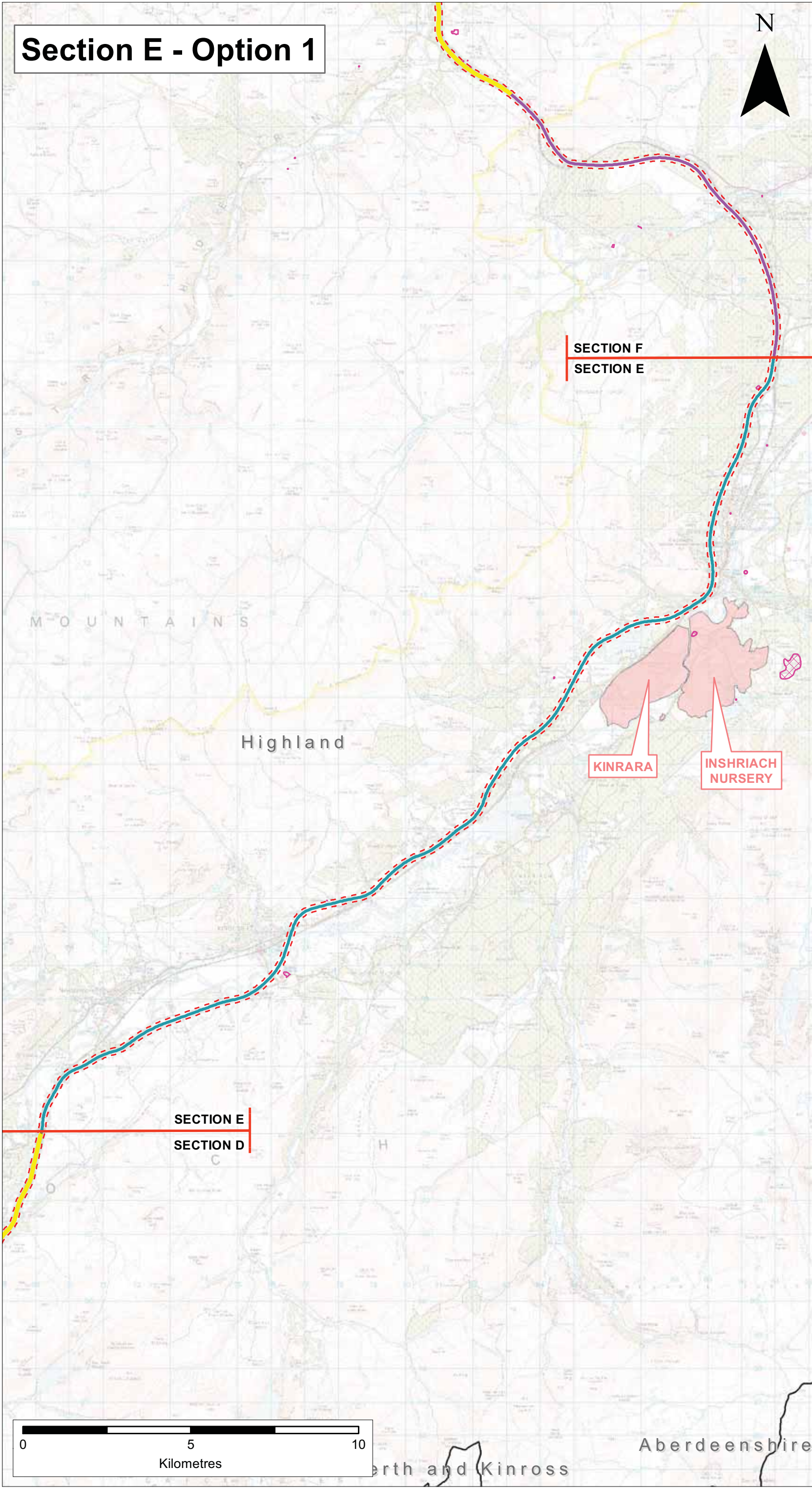


Legend

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

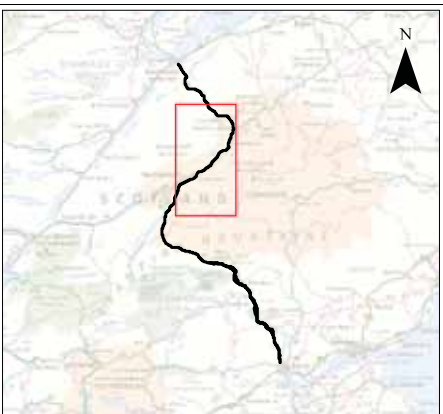
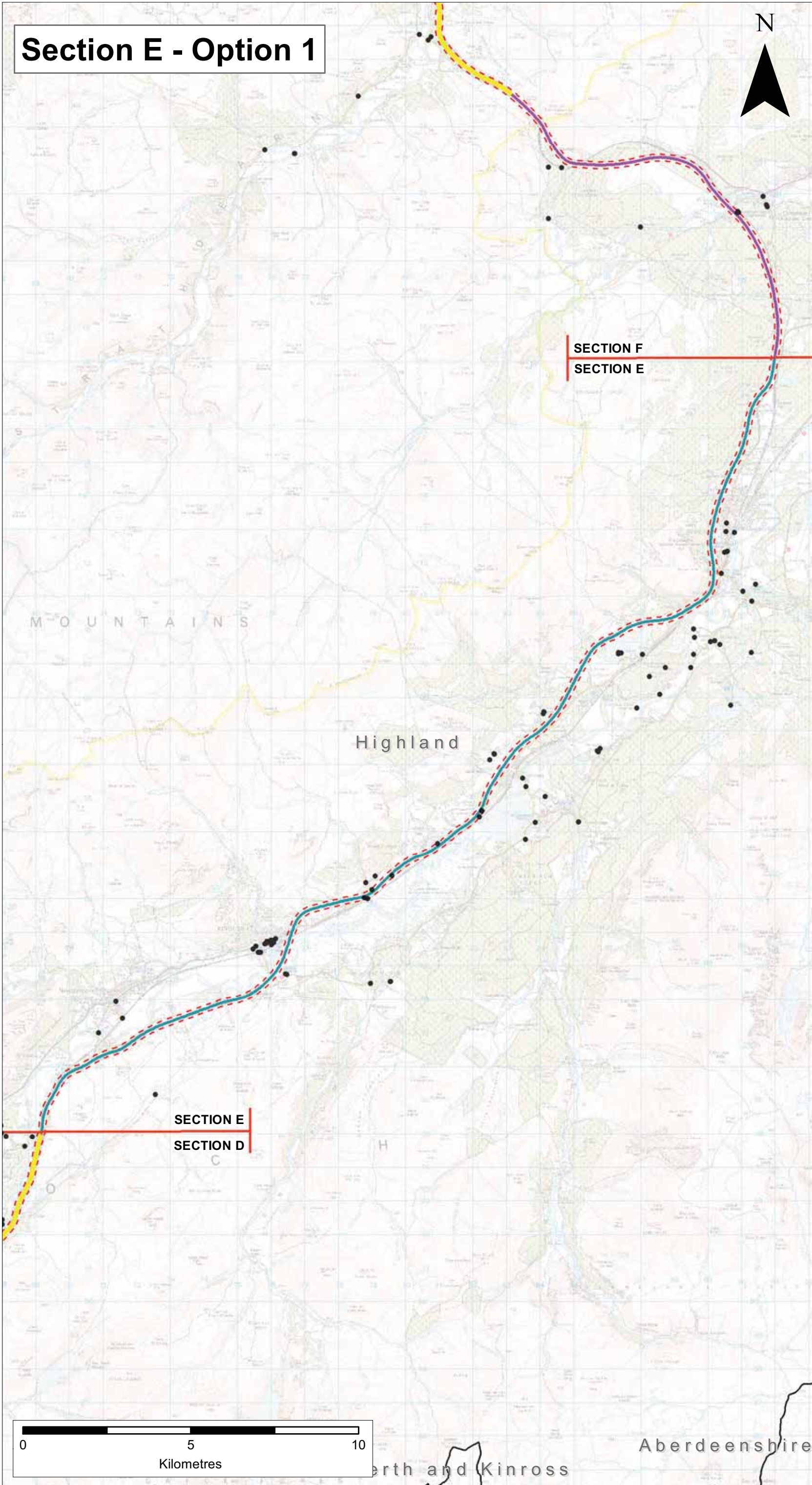
A9 Options

- Section D Option 1
- Section E Option 1
- Section F 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 IMPROVES Burdens Park, Swindon, SN4 0DD +44 (0)1753 812479  HALCROW A KIEWIT PCL COMPANY					
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\E\013					Rev A
Drawing scale: 1:110,000					

Section E - Option 1



Legend

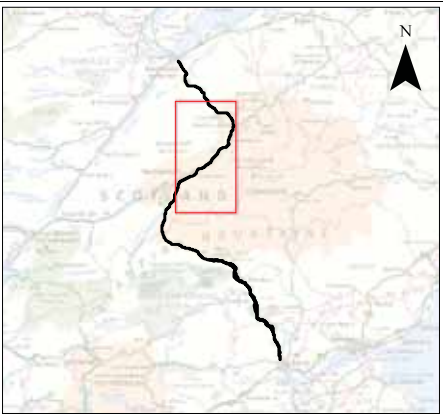
- Listed Buildings
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer

A9 Options

- Section D Option 1
- Section E Option 1
- Section F 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 - Listed Buildings & Conservation Areas					
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\E\014					Rev A
Drawing scale: 1:110,000					

Section E - Option 1



Legend

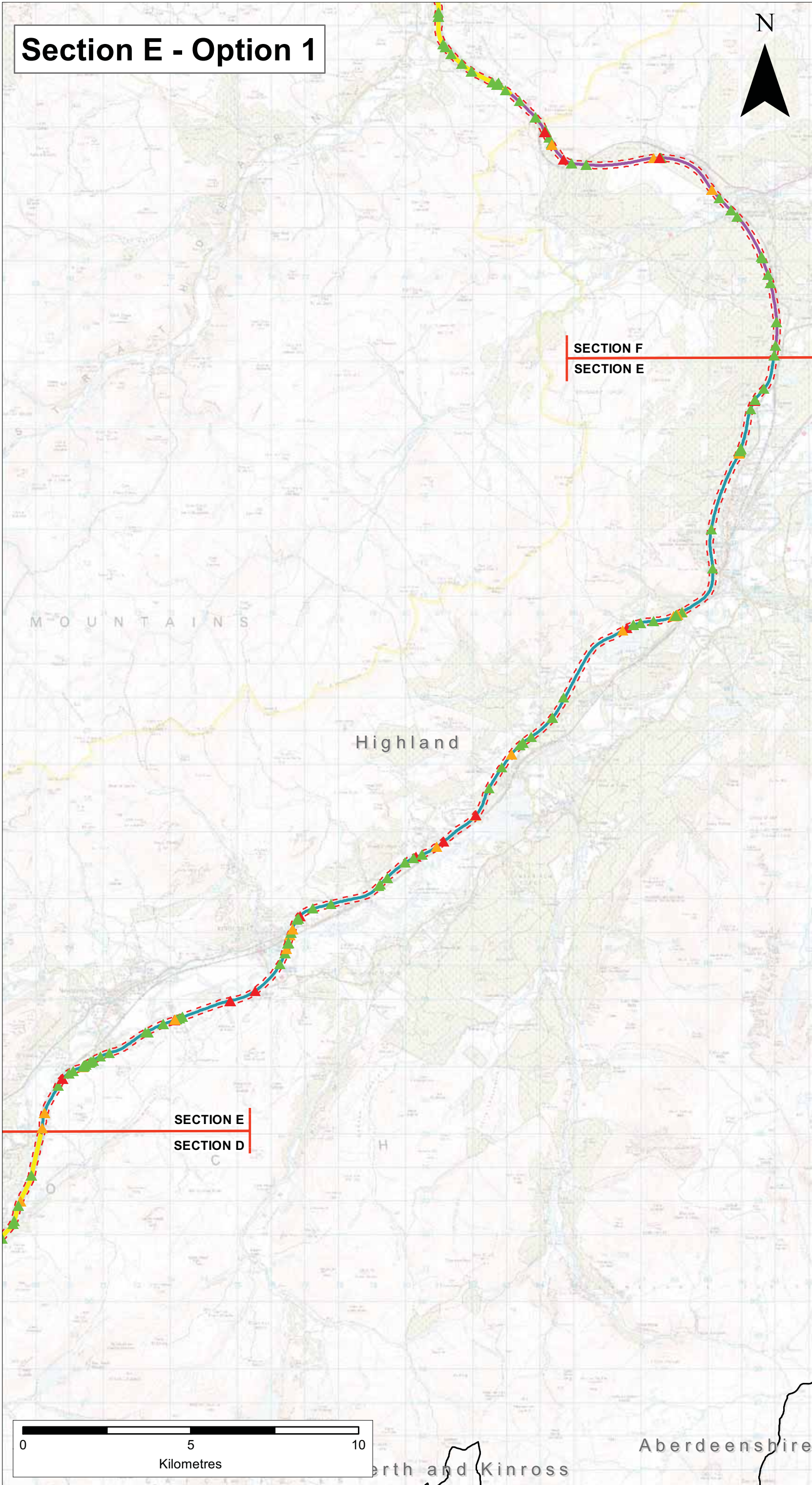
Accident Severity

- Fatal
- Serious
- Slight

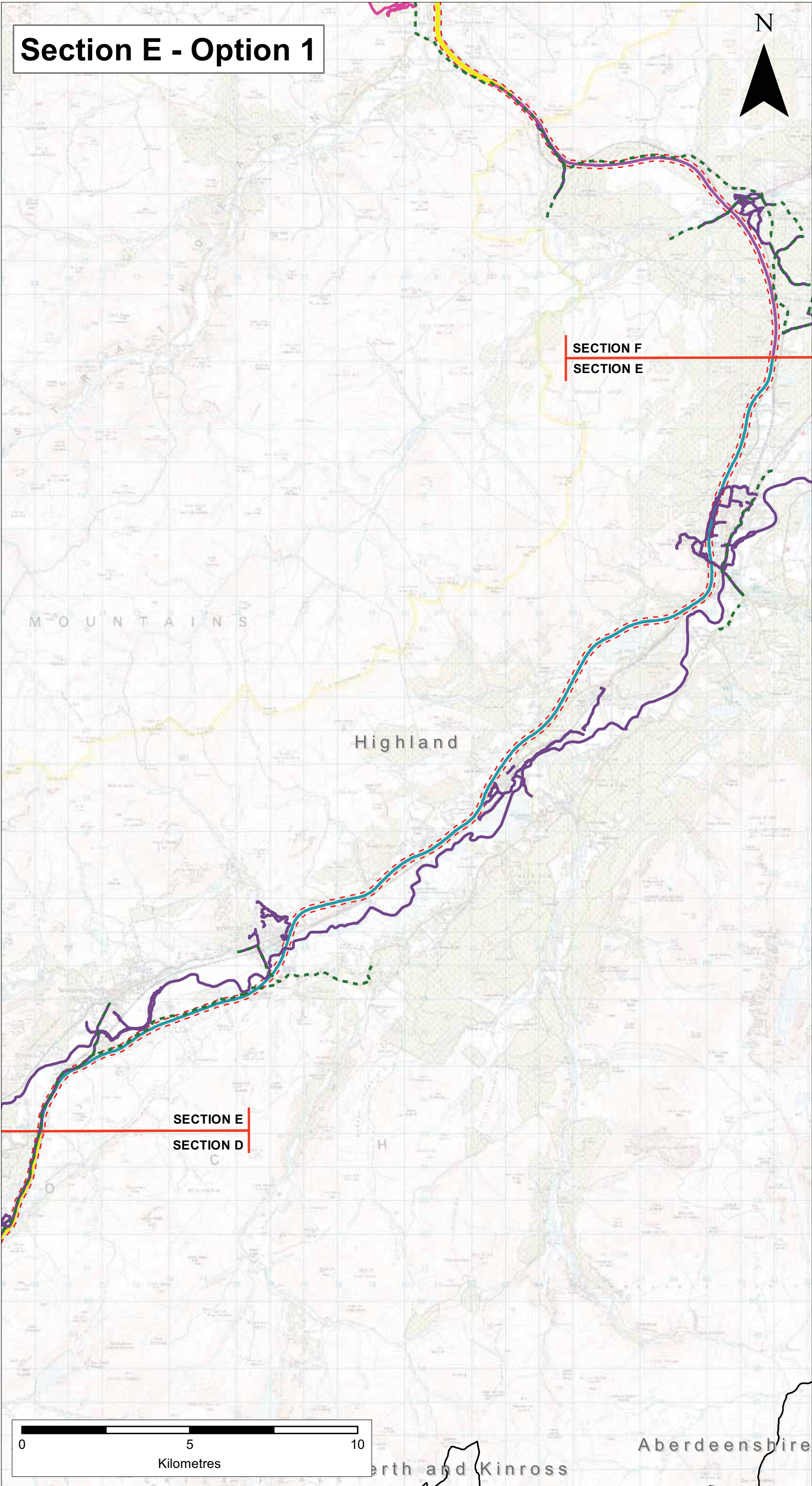
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer

A9 Options

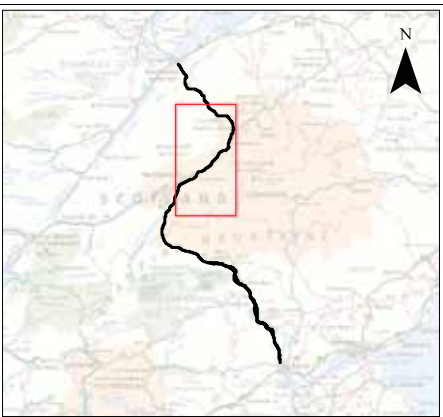
- Section D Option 1
- Section E Option 1
- Section F Option 1



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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: 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\E\015					Rev A
Drawing scale: 1:110,000					



Section E - Option 1

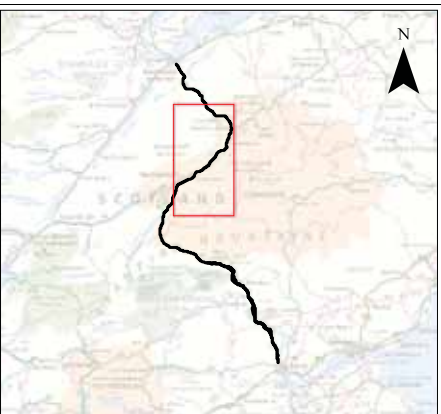
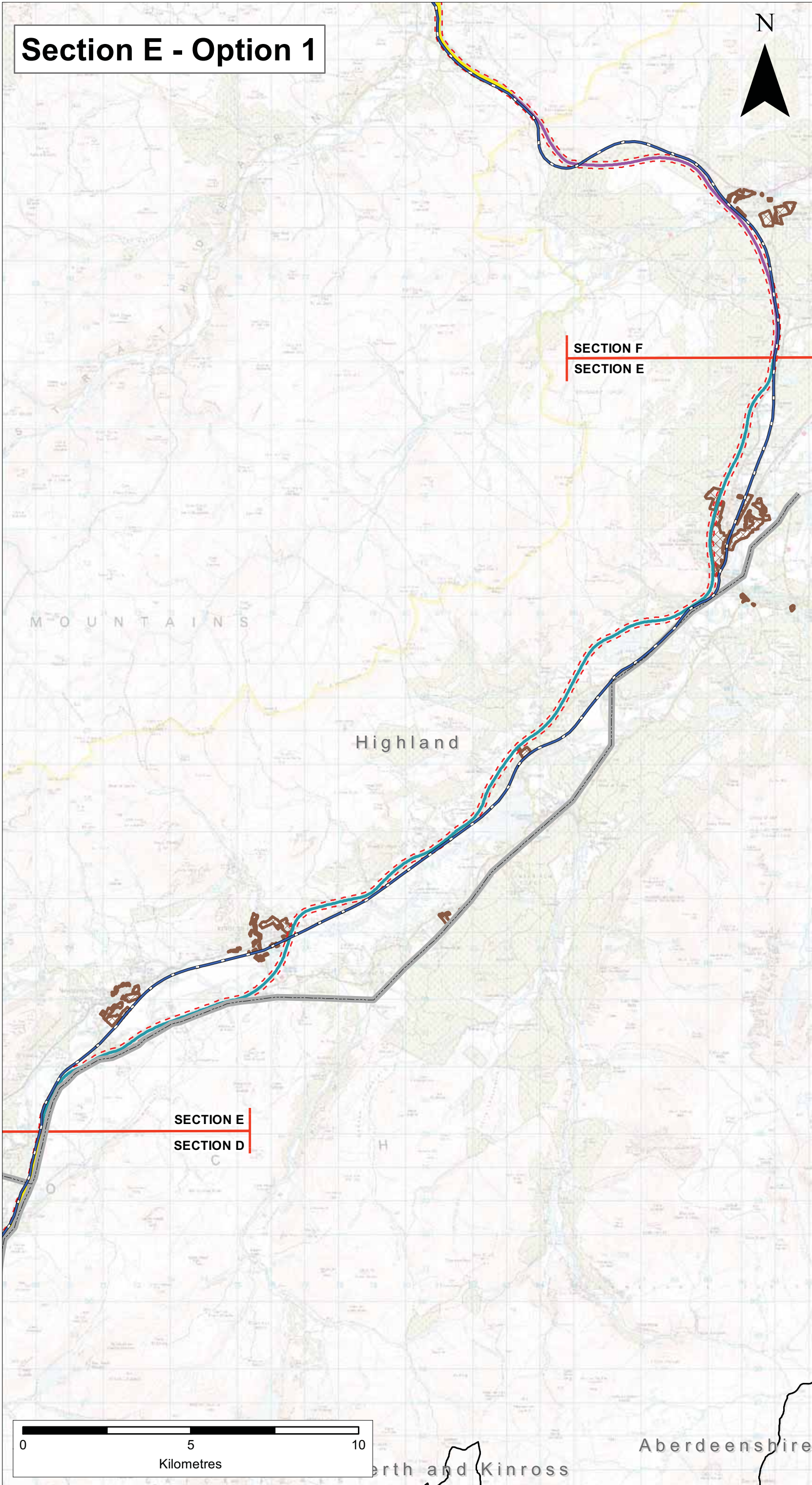


Legend

- National Cycle Network Route 7
- Highland Council Core Paths
- Cairngorms National Park Core Paths
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer
- A9 Options
 - Section D Option 1
 - Section E Option 1
 - Section F 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			Date: 14/09/2013		
Checked by: Zahid Miah			Date: 14/09/2013		
Approved by: John Fox			Date: 14/09/2013		
Drawing No:					
TSSEA9\ER\E\016					
Drawing scale: 1:110,000					Rev A

Section E - Option 1

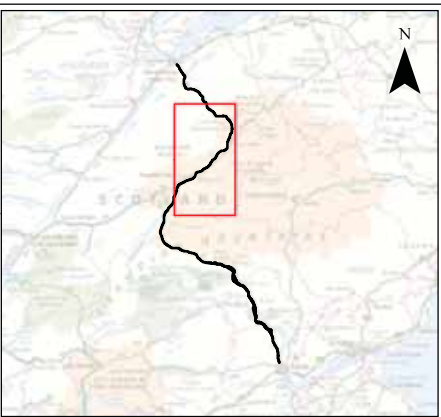
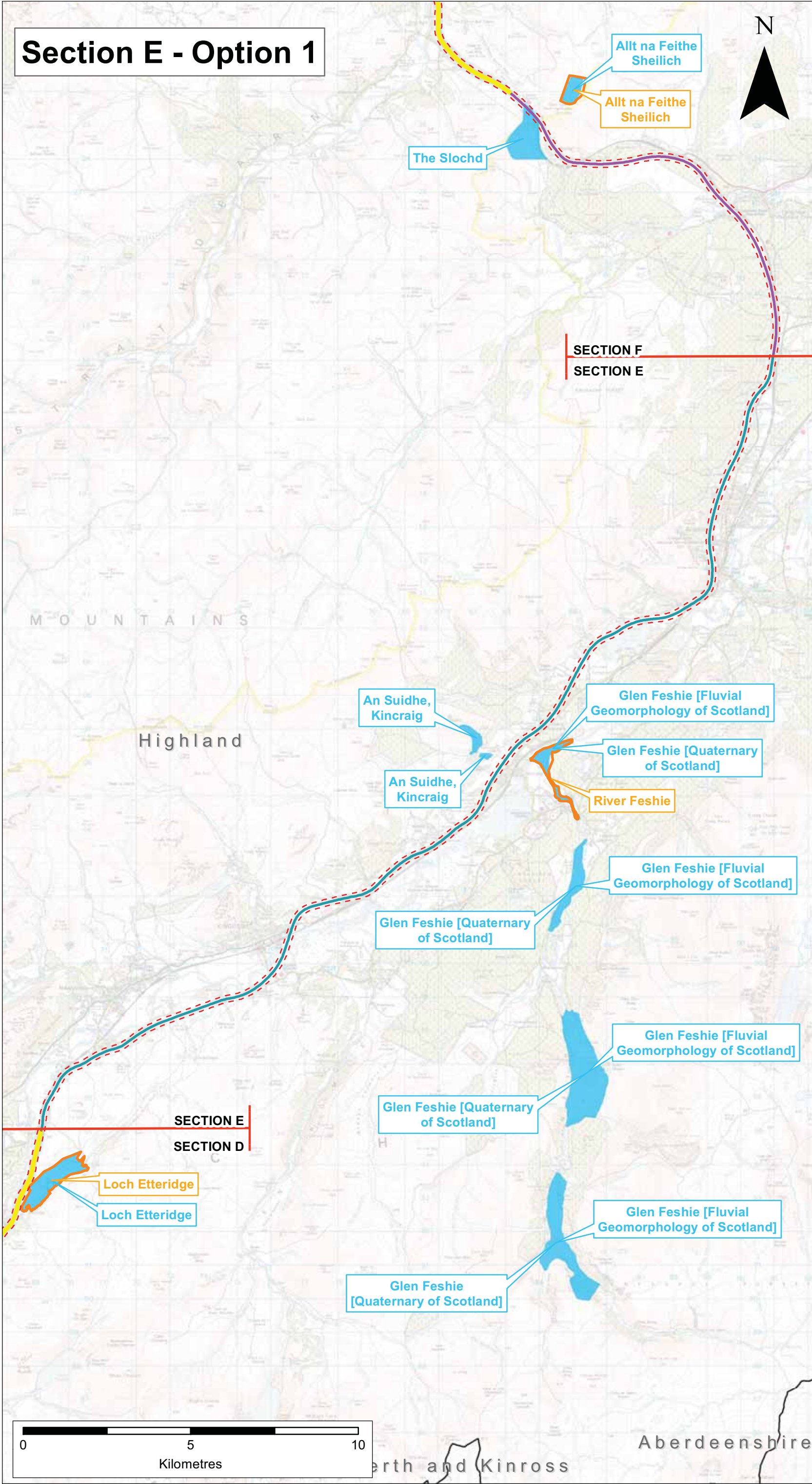


Legend

- Highland Mainline Railway
- Existing Powerlines
- Cairngorms National Park LDP Zones
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer
- A9 Options**
 - Section D Option 1
 - Section E Option 1
 - Section F 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: Population, Human Health & Material Assets - Other Corridor Infrastructure Drawn by: Tim Hughes Checked by: Zahid Miah Approved by: John Fox Drawing No: TSSEA9\ER\E\017 Rev A					
Drawing scale: 1:110,000					

Section E - Option 1

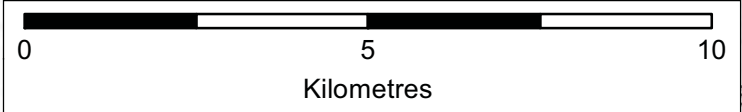


Legend

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

A9 Options

- Section D Option 1
- Section E Option 1
- Section F 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 Ma			Date: 10/09/2013		
Approved by: John Fox			Date: 10/09/2013		
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Drawing scale: 1:110,000					



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