N

MORAY FIRTH

ABERDEEN TO INVERNESS RAILWAY LINE

INVERNESS RETAIL AND BUSINESS PARK

SWF01 (Mill Burn)

SWF02 (Inshes Burn)

A96

RAIGMORE INTERCHANGE

SWF04 (Scretan Burn)

SWF07

SWF08 (Cairnlaw Burn)

SWF10 (Tower Burn)

SWF03 (Beechwood Burn)

SWF05

SWF06

C05

C04

C03

C06

C07

SWF12

SWF11

CULLODEN

STRATTON

C1032 BARN CHURCH ROAD

SMITHTON

INVERNESS

SWF02 (Inshes Burn)

SWF04 (Scretan Burn)

C08

SWF09

SWF05

C02

RESAURIE

HIGHLAND MAIN LINE RAILWAY

INVERNESS CAMPUS

C01

C10

CRADLEHALL

SWF08 (Cairnlaw Burn)

SWF04 (Scretan Burn)

Cradlehall Business Park

C09

U1058 CAULFIELD ROAD NORTH

SWF03 (Beechwood Burn)

U1124 CAULFIELD ROAD

SWF02 (Inshes Burn)

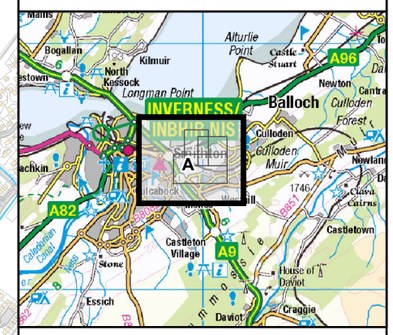
B9006 CULLODEN ROAD

INSHES

A9

0 0.25 0.5 1 Kilometres

Figure A13.1.5a



Legend

- Proposed Scheme (DMRB Stage 3 design)
- A96 Dualling Inverness to Nairn (including Nairn Bypass) Scheme Proposals
- 500m Study Area
- Watercourses
- Culvert Crossing
- SuDS Outfall Locations

Modelled Flood Level Difference (m) during the 0.5% AEP (200-year) plus CC event

- > -0.1 Major Beneficial
- -0.1 to -0.05 Moderate Beneficial
- -0.05 to -0.01 Minor Beneficial
- -0.01 to 0.01 Negligible
- 0.01 to 0.05 Minor Adverse
- 0.05 to 0.1 Moderate Adverse
- > 0.1 Major Adverse

Note:
Refer to Section 3.1.74 of Appendix A13.1 (Flood Risk Assessment) and Section 7.1 of Appendix A13.7 (Hydraulic Modelling Report) for modelling interpretation.

Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checkd	Rev'd	Apprv'd
C00	SEPT 2019	EIAR Publication	CS	MU	KL	DGC

JACOBS
95 Bothwell Street, Glasgow, G2 7HX, UK.
Tel: +44(0)141 243 8000
www.jacobs.com

Client: TRANSPORT SCOTLAND COMHDHAIL ALBA

Project: **A9/A96 Inshes to Smithton**

Drawing title: **DMRB Stage 3 EIAR Modelled Fluvial Flood Depth Impact Map with Proposed Scheme (No Mitigation)**

Sheet 1 of 4

Drawing Status	A – APPROVED AS STAGE COMPLETE	
Scale	1:12,500 @ A3	DO NOT SCALE
Jacobs No.	B2103501	
BIM No.	A9-A96IS-JAC-EGN-XXX-FG-EN-1328	
Drawing number	Figure A13.1.5a	Rev C00

N

SWF03 (Beechwood Burn)

SWF05

SWF06

C05

C04

C03

C06

SWF04 (Scretan Burn)

SWF09

C08

SWF05

C02

SWF08 (Cairnlaw Burn)

C01

SWF04 (Scretan Burn)

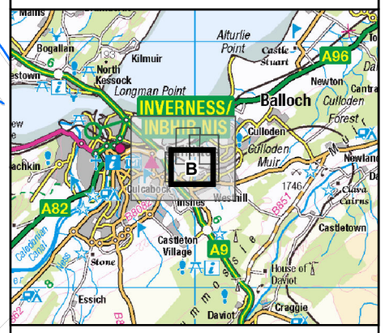
Cradlehall Business Park

SWF03 (Beechwood Burn)

C09

0 0.125 0.25 0.5 Kilometres

Figure A13.1.5b



Legend

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Project: **A9/A96 Inshes to Smithton**

Drawing title: **DMRB Stage 3 EIAR**
Modelled Fluvial Flood Depth Impact Map with Proposed Scheme (No Mitigation)
Sheet 2 of 4

Drawing Status	A – APPROVED AS STAGE COMPLETE	
Scale	1:5,000 @ A3	DO NOT SCALE
Jacobs No.	B2103501	
BIM No.	A9-A96IS-JAC-EGN-XXX-FG-EN-1329	
Drawing number	Figure A13.1.5b	Rev C00

N

C07

SWF10 (Tower Burn)

SWF08 (Cairnlaw Burn)

SWF04 (Scretan Burn)

SWF07

SWF05

SWF06

C04

C03

C06

SWF04 (Scretan Burn)

C08

SWF05

C02

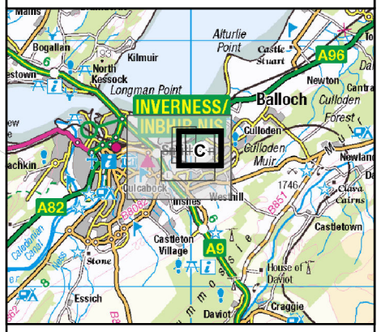
SWF08 (Cairnlaw Burn)

SWF09

SWF10 (Tower Burn)

0 0.125 0.25 0.5 Kilometres

Figure A13.1.5c



Legend

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- 0.01 to 0.05 Minor Adverse
- 0.05 to 0.1 Moderate Adverse
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Note:
Refer to Section 3.1.74 of Appendix A13.1 (Flood Risk Assessment) and Section 7.1 of Appendix A13.7 (Hydraulic Modelling Report) for modelling interpretation.

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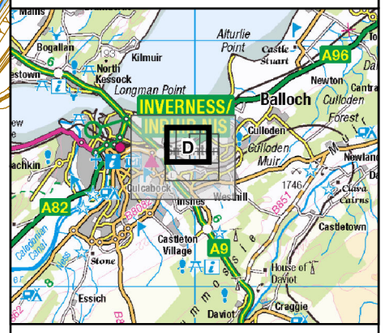
Project: **A9/A96 Inshes to Smithton**

Drawing title: **DMRB Stage 3 EIAR**
Modelled Fluvial Flood Depth Impact Map with Proposed Scheme (No Mitigation)
Sheet 3 of 4

Drawing Status	A – APPROVED AS STAGE COMPLETE
Scale	1:5,000 @ A3 — DO NOT SCALE
Jacobs No.	B2103501
BIM No.	A9-A96IS-JAC-EGN-XXX-FG-EN-1330
Drawing number	Figure A13.1.5c
Rev	C00

Figure A13.1.5d



N

SWF02 (Inshes Burn)

SWF04 (Scretan Burn)

SWF07

SWF03 (Beechwood Burn)

SWF05

SWF06

SWF08 (Cairnlaw Burn)

C07

C05

C04

C03

C06

SWF04 (Scretan Burn)

Legend

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Project: **A9/A96 Inshes to Smithton**

Drawing title: **DMRB Stage 3 EIAR**
Modelled Fluvial Flood Depth Impact Map with Proposed Scheme (No Mitigation)
Sheet 4 of 4

Drawing Status	A – APPROVED AS STAGE COMPLETE	
Scale	1:5,000 @ A3	DO NOT SCALE
Jacobs No.	B2103501	
BIM No.	A9-A96IS-JAC-EGN-XXX-FG-EN-1331	
Drawing number	Figure A13.1.5d	Rev C00

0 0.125 0.25 0.5 Kilometres