

A13.6 Outdoor Receptors - Southern Route

1 Introduction

1.1.1 This appendix supports Chapter 13 (Visual) and provides details of the visual impact assessment for all built receptors outdoor receptors (major and well-used minor roads, railways, outdoor recreational spaces, rights of way (ROW), footpaths, cycleways and equestrian routes) that would be affected by the proposed road to the south of the Firth of Forth, along with details of the proposed mitigation measures designed to moderate the nature and extent of impacts where practicable for each receptor.

Key to Abbreviations in Table 1.1

Table column	Abbreviations used
Type and Number	dw = dwelling i = industrial c = commercial o = other (specify)
Existing View	u = urban r = rural rd = road i = industrial rw = railway s = sea/ estuary b = bridge d = derelict land
Sensitivity of Receptor	h = high m = medium l = low
Elements of Proposed Scheme Visible	rs = road surface v = vehicles l = lighting b = bridge structure nb = noise barrier g = gantry/ signs sdb = SUDS detention basin
Magnitude of Change	h = high m = medium l = low
Impact Significance	n = negligible neu = neutral sl = slight adv = adverse m = moderate b = beneficial sub = substantial se = severe maj = major

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Table 1.1: Visual Impact Assessment of Southern Route on Outdoor Receptors

Receptor No. Date assessed Name or location Figure No.	Type and Number	Existing view	Sensitivity of receptor	Winter Year of Opening				Summer 15 years after opening			
				Description of mitigation measures	Elements of proposed scheme visible	Magnitude of change	Impact	Description of mitigation measures	Elements of proposed scheme visible	Magnitude of change	Impact
O1-RS 19/11/08 Western edge of South Queensferry (Fig 13.7)	public space	u, r, rd, s	l	Limited screening by existing trees along edge of space. Partial screening of main carriageway by false cutting and noise barrier. New hedgerow and trees along side road.	rs, v, l, b, nb, g	h	m adv	Limited screening by existing trees along edge of space. Partial screening of main carriageway by false cutting and noise barrier. Established hedgerow and trees would help to screen side road and soften appearance of false cutting.	v, l, b, nb, g	h	m adv
F2-RS 04/12/08 Section of footpath to north of B9080 (Fig 13.7)	footpath, cycleway, equestrian route	r, rd	l/m	Partial screening by existing woodland along footpath and by distant shelterbelt woodland in front of road. New mixed and scrub woodland around M9 Junction 1A.	v, l	l	n adv	Increased screening by existing woodland along footpath and by distant shelterbelt woodland in front of road. Established mixed and scrub woodland around M9 Junction 1A would help to screen traffic on slip roads.	v, l	l	n adv
F3A-RS 04/12/08 B9080 – M9 overbridge to Humble Farm shelterbelt (Fig 13.7)	road, footpath, cycleway, equestrian route	r, rd	l	Partial screening by existing shelterbelt woodland in foreground. New mixed and scrub woodland around M9 Junction 1A.	v, l	l	n adv	Increased screening by existing shelterbelt woodland in foreground. Established mixed and scrub woodland around M9 Junction 1A would help to screen traffic on slip roads.	v, l	l	n adv
F3B-RS 04/12/08 B9080 – Humble Farm shelterbelt to M9 Spur overbridge (Fig 13.7)	road, footpath, cycleway, equestrian route	r, rd	l	New mixed and scrub woodland around M9 Junction 1A.	v, l, b, g	l	sl adv	Established mixed and scrub woodland around M9 Junction 1A would help to screen traffic on slip roads.	v, l, b, g	l	sl/n adv

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Receptor No. Date assessed Name or location Figure No.	Type and Number	Existing view	Sensitivity of receptor	Winter Year of Opening				Summer 15 years after opening			
				Description of mitigation measures	Elements of proposed scheme visible	Magnitude of change	Impact	Description of mitigation measures	Elements of proposed scheme visible	Magnitude of change	Impact
F4A-RS 04/12/08 A904 – Headrig Road to Bo'ness Road (Fig 13.7)	road, footpath	u, r, rd, i, b	l	Limited screening by replacement stone walls, false cuttings and noise barriers. New hedgerows and trees along road.	rs, v, l, b, nb, g	m	sl/m adv	Limited screening by replacement stone walls, false cuttings and noise barriers. Established hedgerows and trees along road would help to screen traffic on slip road.	rs, v, l, b, nb, g	m	sl/m adv
F4B-RS 04/12/08 A904 – Bo'ness Road to A90 Junction (Fig 13.7)	road, footpath	r	l	Partial screening by rolling landform and existing and replacement stone walls. New mixed woodland planting along edge of Dundas Estate.	v, l, b, g	m	m adv	Partial screening by rolling landform and existing and replacement stone walls. Established mixed woodland planting along edge of Dundas Estate would help to screen stretches of the road.	v, l, b, g	m	m adv
R5-RS 04/12/08 A8000 – Dundas Castle main gate to Scotstoun House entrance (Fig 13.7)	road	u, r, i, b	l	New mixed woodland planting along embankments of realigned overbridge and false cutting with noise barrier in front of Dundas Home Farm.	rs, v, l, b, nb, g	l/m	sl/n adv	Established mixed woodland planting along embankments of realigned overbridge and false cutting with noise barrier in front of Dundas Home Farm would provide some screening of traffic.	rs, v, l, b, nb, g	l/m	sl/n adv
R6-RS 21/11/08 M9 – Ross' Plantation to north of River Almond (Fig 13.7)	road	u, r, i	l	Limited screening by existing woodland around Swine Burn and at the edge of Newliston Estate. New scrub woodland planting around M9 Junction 1A and realigned Swine Burn.	rs, v, l, b, g	m	sl/n adv	Increased screening by existing woodland around Swine Burn and at the edge of Newliston Estate. Established scrub woodland planting around M9 Junction 1A and realigned Swine Burn would help to integrate new slip roads with landscape.	rs, v, l, b, g	l/m	n adv

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Receptor No. Date assessed Name or location Figure No.	Type and Number	Existing view	Sensitivity of receptor	Winter Year of Opening				Summer 15 years after opening			
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R7-RS 04/12/08 M9 Spur – Dundas Estate to M9 Junction 1A (Fig 13.7)	road	u, r, i	l	New mixed woodland planting along embankments.	rs, v, l, b, g	m	sl/n adv	Established mixed woodland planting along embankments would help to integrate new slip roads with landscape.	rs, v, l, b, g	l/m	n adv
F8A-RS 05/02/09 Footpaths around Echline Fields (Fig 13.7)	footpath	u, r, s, b	l/m	Partial screening of main carriageway by false cuttings and noise barriers. New hedgerows and trees along side road.	rs, v, l, b, nb, g	m/h	m adv	Partial screening of main carriageway by false cuttings and noise barriers. Established hedgerow and trees would help to screen side road and soften appearance of false cutting.	rs, v, l, b, nb, g	m	sl/m adv
F8B-RS 05/02/09 Footpath around Echline Fields (Fig 13.7)	footpath	u, r, s, b	l/m	Partial screening of main carriageway by false cuttings and noise barriers. New mixed woodland on embankments and scrub woodland around detention basin, and new hedgerows and trees along side road.	rs, v, l, b, nb, g, sdb	m	sl/m adv	Partial screening of main carriageway by false cuttings and noise barriers. Established mixed woodland on embankments would help to integrate with landform. Established hedgerow and trees would help to screen side road and soften appearance of false cutting.	rs, v, l, b, nb, g, sdb	l/m	sl adv
O9-RS 12/02/09 Kirkliston Sports Centre (Fig 13.7)	playing field	u, rd	l/m	New mixed woodland planting on embankments.	v, l, g	l	sl/n adv	Established mixed woodland planting on embankments would help to partially screen traffic and gantry.	v, l, g	l	sl/n adv

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C10-RS 07/04/09 Builyeon Road (Fig 13.7)	road, footpath, cycleway	u, r, rd, i, b	l/m	Limited screening by existing hedgerow along northern side of road. Limited screening by replacement stone walls. New hedgerows and trees along road.	rs, v, l, b, g	m	m adv	Increased screening by existing hedgerow along northern side of road and established hedgerows and trees along road. Limited screening by replacement stone walls.	rs, v, l, b, g	m	m adv
F11A-RS 16/04/09 A8000 Southbound – Milton to M9 Spur (Fig 13.7)	road, cycleway	r, rd	l/m	Limited screening by existing trees beside road and within Dundas Estate.	l, g	l	sl/n adv	Increased screening by existing trees beside road and within Dundas Estate.	l, g	l	sl/n adv
F11B-RS 16/04/09 A8000 Northbound – Newmains Road to M9 Spur (Fig 13.7)	road, cycleway	r, rd, rw	l/m	Limited screening by existing trees around railway overbridge.	l, g	l	sl/n adv	Increased screening by existing trees around railway overbridge.	l, g	l	sl/n adv