



# Gatwick Airport Northern Runway Project

Environmental Statement

Appendix 8.9.1: Summary of Effects at Representative Viewpoints

**Book 5**

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## 1 Introduction

### 1.1 General

1.1.1 This document forms Appendix 8.9.1 of the Environmental Statement (ES) prepared on behalf of Gatwick Airport Limited (GAL) for the proposal to make best use of Gatwick Airport's existing runways and infrastructure (referred to within this report as 'the Project').

1.1.2 This document provides a summary of the magnitude of impacts and significance of effects on visual receptors at representative viewpoint locations during the four assessment periods of the Project.

### 1.2 Assessment of Visual Effects

1.2.1 Table 1.2.1 provides a summary of effects that would be experienced by visual receptors at the 32 representation viewpoint locations, as a result of the Project.

**Table 1.2.1: Summary of Effects at Representative Viewpoints**

Representative Viewpoint Location	Receptor Sensitivity	2024 to 2029 Construction period	2030 to 2032 First full year of operation	2033 to 2038 Interim assessment period	2038 Design year
		Magnitude of Impact	Magnitude of Impact	Magnitude of Impact	Magnitude of Impact
		Significance of Effect	Significance of Effect	Significance of Effect	Significance of Effect
Viewpoint 1: Perimeter Road North and Public right of way 346/2Sy, Sussex Border Path	Medium to Low: Pedestrians using roadside pavement and occupiers of vehicles.	Low	Low	Low	Low
		Minor adverse (day and night)	Minor adverse (day and night)	Minor adverse (day and night)	Minor adverse (day and night)
Viewpoint 2: Short Stay Multi-Storey Car Park 3	Low: Visitors to the airport.	Negligible	Negligible	Negligible	Negligible
		Negligible (day and night)	Negligible (day and night)	Negligible (day and night)	Negligible (day and night)
Viewpoint 3: Car Rental South Terminal, public right of way 360/Sy	High: Walkers using public right of way.	Medium (Offset by some beneficial impacts)	Medium (Offset by some beneficial impacts)	Medium (Offset by some beneficial impacts)	Medium (Offset by some beneficial impacts)
		Minor adverse (day) Negligible (night)	Minor adverse (day) Negligible (night)	Minor adverse (day) Negligible (night)	Minor adverse (day) Negligible (night)
Viewpoint 4: River Mole public right of way 346, Sussex Border Path	High: Walkers using public right of way.	Low	Low	Low	Negligible
		Minor adverse	Minor adverse (day and night)	Minor adverse (day and night)	Minor adverse (day and night)
Viewpoint 5: River Mole public right of way 346, Sussex Border Path	High: Walkers using public right of way.	No change	Negligible	Negligible	Negligible
		No change	Minor adverse (day and night)	Minor adverse (day and night)	Minor adverse (day and night)
Viewpoint 6: Riverside Garden Park, National Cycle Route 21	High: Visitors to park and cyclists.	Low	Medium	Low	Low (Offset by some beneficial impacts)
		Minor adverse (day and night)	Moderate adverse (day and night)	Minor adverse (day and night)	Minor adverse (day and night winter) Neutral (day and night summer)
Viewpoint 7: Horley Riverside	High: Occupiers of residential properties.	Negligible	Negligible	Negligible	Negligible or No Change
		Negligible (day and night)	Minor (day and night)	Negligible (day and night)	Negligible adverse (day and night winter) No Change (day and night summer)

Representative Viewpoint Location	Receptor Sensitivity	2024 to 2029 Construction period	2030 to 2032 First full year of operation	2033 to 2038 Interim assessment period	2038 Design year
		Magnitude of Impact	Magnitude of Impact	Magnitude of Impact	Magnitude of Impact
		Significance of Effect	Significance of Effect	Significance of Effect	Significance of Effect
Viewpoint 8: Public right of way 362a north of the A23 and South Terminal	High: Walkers using public right of way.	Low <b>Minor adverse (day and night)</b>	Medium or low <b>Moderate adverse (day)</b> <b>Minor adverse (night)</b>	Medium or low <b>Moderate adverse (day)</b> <b>Moderate adverse (night)</b>	Low <b>Moderate or Minor adverse (day, summer and winter)</b> <b>Minor adverse (night)</b>
Viewpoint 9: Balcombe Road at Pentagon Field	Low: Occupiers of vehicles and Medium: Pedestrians using roadside pavement.	Medium <b>Moderate or Minor adverse (day and night)</b>	Negligible <b>Negligible adverse (day and night)</b>	Negligible (Offset by some beneficial impacts) <b>Negligible adverse (day and night)</b>	Low (Offset by some beneficial impacts) <b>Neutral (day and night)</b>
Viewpoint 10: Public right of way 359/Sy at Pentagon Field	High: Walkers using public right of way.	Negligible <b>Minor adverse (day and night)</b>	Negligible <b>Minor adverse (day and night)</b>	Negligible <b>Minor adverse (day and night)</b>	Negligible <b>Minor adverse (day and night)</b>
Viewpoint 11: Public right of way 360/1Sy at Tinsley Green	High: Walkers using public right of way.	Low <b>Moderate adverse (day and night)</b>	Low <b>Moderate adverse (day and night)</b>	Low (Offset by some beneficial impacts) <b>Minor adverse (day and night)</b>	Negligible (Offset by some beneficial impacts) <b>Minor adverse (day and night)</b>
Viewpoint 12: Bridleway public right of way 352/Sy at Rowley Farm	High: Walkers/equestrians using public right of way.	Negligible <b>Minor adverse (day and night)</b>	Negligible <b>Minor adverse (day and night)</b>	Negligible <b>Minor adverse (day and night)</b>	Negligible <b>Minor adverse (day and night)</b>
Viewpoint 13: Ifield Road	Low: Occupiers of vehicles.	Negligible <b>Negligible (day and night)</b>	Negligible <b>Negligible (day and night)</b>	Negligible <b>Negligible (day and night)</b>	Negligible <b>Neutral (day and night)</b>
Viewpoint 14: Public right of way 344, Sussex Border Path east of Charlwood	High: Walkers using public right of way.	Negligible <b>Minor adverse (day and night)</b>	Negligible <b>Minor adverse (day and night)</b>	Low <b>Minor adverse (day and night)</b>	Low <b>Minor adverse (day and night)</b>
Viewpoint 15: Norwood Hill	Medium: Occupiers of vehicles.	Negligible <b>Negligible (day and night)</b>	Negligible <b>Negligible (day and night)</b>	Negligible <b>Negligible (day and night)</b>	Negligible <b>Negligible (day and night)</b>
Viewpoint 16: Turners Hill (High Weald AONB)	High: Walkers using public right of way.	Negligible <b>Minor adverse (day and night)</b>	Negligible <b>Minor adverse (day and night)</b>	Negligible <b>Minor adverse (day and night)</b>	Negligible <b>Minor adverse (day and night)</b>
Viewpoint 17: Tilgate Hill, Crawley Borough Council 'Important View'	Medium: Visitors to park.	Negligible <b>Negligible (day and night)</b>	Negligible <b>Negligible (day and night)</b>	Negligible <b>Negligible (day and night)</b>	Negligible <b>Negligible (day and night)</b>
Viewpoint 18: North Terminal roundabout Sussex Border Path	Medium: Pedestrians using roadside pavement within airport.	Medium <b>Moderate adverse (day and night)</b>	Medium <b>Moderate adverse (day and night)</b>	Medium <b>Moderate adverse (day and night)</b>	Low <b>Minor adverse (day and night)</b>
Viewpoint 19: Sussex Border Path 346, A23	High: Walkers using public right of way.	<b>NA.</b> Vegetation clearance works followed by construction of A23 would require temporary closure of path	<b>NA.</b> Construction of A23 would require temporary closure of path	Medium to Low <b>Moderate adverse (day)</b> <b>Minor adverse (night)</b>	Low <b>Minor adverse (day and night)</b>
Viewpoint 20: Longbridge roundabout	Medium: Pedestrians using roadside pavement.	Medium to Low <b>Moderate adverse (day)</b> <b>Minor adverse (night)</b>	Medium <b>Moderate adverse (day and night)</b>	Medium <b>Moderate adverse (day and night)</b>	Low <b>Minor adverse (day and night)</b>

Representative Viewpoint Location	Receptor Sensitivity	2024 to 2029 Construction period	2030 to 2032 First full year of operation	2033 to 2038 Interim assessment period	2038 Design year
		Magnitude of Impact	Magnitude of Impact	Magnitude of Impact	Magnitude of Impact
		Significance of Effect	Significance of Effect	Significance of Effect	Significance of Effect
Viewpoint 21: Church Meadows, public open space/conservation area	High: Walkers using public right of way/people using public open space.	Medium to Low <b>Moderate adverse (day)</b> <b>Minor adverse (night)</b>	Medium to low <b>Major adverse (day)</b> <b>Minor adverse (night)</b>	Low <b>Minor adverse (day and night)</b>	Low <b>Minor beneficial (day and night)</b>
Viewpoint 22a: A23 footway looking south-east	Medium: Pedestrians using roadside pavement.	<b>NA.</b> Vegetation clearance works followed by construction of A23 would require temporary closure of path	<b>NA.</b> Vegetation clearance works followed by construction of A23 would require temporary closure of path	Medium (Offset by some beneficial impacts) <b>Minor adverse (day and night)</b>	Neutral <b>Neutral (day and night)</b>
Viewpoint 22b: A23 footway looking north-west	Medium: Pedestrians using roadside pavement.	<b>NA.</b> Vegetation clearance works followed by construction of A23 would require temporary closure of path	<b>NA.</b> Vegetation clearance works followed by construction of A23 would require temporary closure of path	Medium (Offset by some beneficial impacts) <b>Minor adverse (day and night)</b>	Neutral <b>Neutral (day and night)</b>
Viewpoint 23 Railway overbridge Sussex Border Path	High: Walkers using public right of way.	Low <b>Minor adverse (day and night)</b>	Medium <b>Moderate adverse (day)</b> <b>Minor adverse (night)</b>	Low <b>Minor adverse (day and night)</b>	Low <b>Minor adverse (day and night)</b>
Viewpoint 24: Car Park B	Low: People using car park within airport.	Medium <b>Minor adverse (day and night)</b>	<b>NA</b> (active construction compound)	Medium <b>Minor beneficial (day and night)</b>	High <b>Moderate beneficial (day and night)</b>
Viewpoint 25: Sussex Border Path 368, M23 Spur	High: Walkers using public right of way.	Low <b>Minor adverse (day and night)</b>	<b>NA.</b> Vegetation clearance works followed by improvements to M23 Spur would require temporary closure of path.	Low <b>Minor adverse (day and night)</b>	Negligible (Offset by some beneficial impacts) <b>Neutral</b>
Viewpoint 26: Poles Lane bridleway	High: Equestrians using public right of way.	Negligible <b>Negligible adverse (day and night)</b>	Negligible <b>Negligible adverse (day and night)</b>	Negligible <b>Negligible adverse (day and night)</b>	Negligible <b>Negligible adverse (day and night)</b>
Viewpoint 27: Public right of way 325 west of Gatwick	High: Walkers using public right of way.	Low <b>Minor adverse (day and night)</b>	Low <b>Minor adverse (day and night)</b>	Low <b>Minor adverse (day and night)</b>	Low <b>Minor adverse (day and night)</b>
Viewpoint 28: Hookwood public right of way 342	High: Walkers using public right of way.	Negligible <b>Negligible adverse (day and night)</b>	Low <b>Minor adverse (day and night)</b>	Low <b>Minor adverse (day and night)</b>	Low <b>Minor adverse (day and night)</b>
Viewpoint 29: Public right of way 340 north east of Charlwood	High: Walkers using public right of way.	Negligible <b>Negligible adverse (day and night)</b>	Negligible <b>Negligible adverse (day and night)</b>	Negligible <b>Negligible adverse (day and night)</b>	Negligible <b>Negligible adverse (day and night)</b>
Viewpoint 30: Russ Hill, Sussex Border Path	High: Walkers using public right of way.	Low <b>Minor adverse (day and night)</b>	Low <b>Minor adverse (day and night)</b>	Low <b>Minor adverse (day and night)</b>	Low <b>Minor adverse (day and night)</b>

Representative Viewpoint Location	Receptor Sensitivity	2024 to 2029 Construction period	2030 to 2032 First full year of operation	2033 to 2038 Interim assessment period	2038 Design year
		Magnitude of Impact	Magnitude of Impact	Magnitude of Impact	Magnitude of Impact
		Significance of Effect	Significance of Effect	Significance of Effect	Significance of Effect
Viewpoint 31: East of Salford public right of way	High: Walkers using public right of way.	Negligible	Negligible	Negligible	Negligible
		<b>Negligible adverse (day and night)</b>	<b>Negligible adverse (day and night)</b>	<b>Negligible adverse (day and night)</b>	<b>Negligible adverse (day and night)</b>
Viewpoint 32: Leith Hill, Surrey Hills AONB	High: People using public open space.	Negligible	Negligible	Negligible	Negligible
		<b>Negligible adverse (day and night)</b>	<b>Negligible adverse (day and night)</b>	<b>Negligible adverse (day and night)</b>	<b>Negligible adverse (day and night)</b>