

Stonestreet Green Solar

Environmental Statement

Volume 4: Appendices

Chapter 14: Noise

Appendix 14.4: Traffic Flows and Noise Calculations

PINS Ref: EN010135

Doc Ref. 5.4

Version 1

June 2024

APFP Regulation 5(2)(a)

Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009





2026 Baseline + Cumulative vs 2026 Baseline + Cumulative + Development Flows

CRTN ASSESSMENTS		2026 Base			Base With Development			Difference dB	Calculation
Link	Speed (KMH)	Flow	HGV%	Basic Level at 10m dB LA10,18 h	Flow	HGV%	Basic Level at 10m dB LA10,18 h		
LINK 1: Station Road (south of Hythe Road)	55	4348	0.4%	63.4	4513	1.2%	63.9	0.5	CRTN
LINK 2: Station Road (South of Railway)	52	3065	0.4%	61.6	3230	1.5%	62.2	0.6	CRTN+LOWFLOW
LINK 3: Station Road (North of Calleywell Lane)	46	3044	0.4%	60.9	3059	0.4%	60.9	0.0	CRTN+LOWFLOW
LINK 4: Goldwell Lane (South of Calleywell Lane)	53	1061	0.4%	57.1	1077	0.6%	57.2	0.2	CRTN+LOWFLOW
LINK 5: Goldwell Lane (North of Roman Road)	56	1028	0.3%	57.3	1043	0.5%	57.4	0.1	CRTN+LOWFLOW
LINK 7: A20 (near Hatch Park) 2019	97	12377	4.5%	73.2	12543	4.8%	73.3	0.1	CRTN