



# Botley West Solar Farm

Environmental Statement

**Volume 3**

**Appendix 12.7: Traffic flows with construction traffic**

November 2024

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## Approval for issue

Jonathan Alsop

15 November 2024

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## Glossary

Term	Meaning
Annual Average Daily Traffic Flows (AADT)	The total volume of vehicular traffic on a section of highway for a year divided by 365 days.
Environmental Statement	The document presenting the results of the Environmental Impact Assessment process.
Heavy Goods Vehicle (HGV)	A lorry with a gross weight exceeding 7.5 tonnes.
Heavy Vehicle (HV)	A vehicle with a gross weight exceeding 7.5 tonnes.
Study Area	This is an area which is defined for each environmental topic which includes the Order Limits as well as potential spatial and temporal considerations of the impacts on relevant receptors. The study area for each topic is intended to cover the area within which an impact can be reasonably expected.
The Applicant	SolarFive Ltd
The Project	The Botley West Solar Farm
Traffic Flows	Traffic flow describes the number of vehicles passing a reference point per unit of time (e.g., vehicles per hour).
The Site or Order Limits	The area of land encompassing the Project development and shown on the Site Location and Order Limits plan (Volume 2, Figure 1.1 of the ES [EN010147/APP/6.4]).

## Abbreviations

Abbreviation	Meaning
AADT	Annual Average Daily Traffic
ES	Environmental Statement
HGV	Heavy Goods Vehicles
HV	Heavy Vehicle
PVDP	Photovoltaic Development Partners GmbH

# 1 Traffic flows with construction traffic

## 1.1 Introduction

### Overview

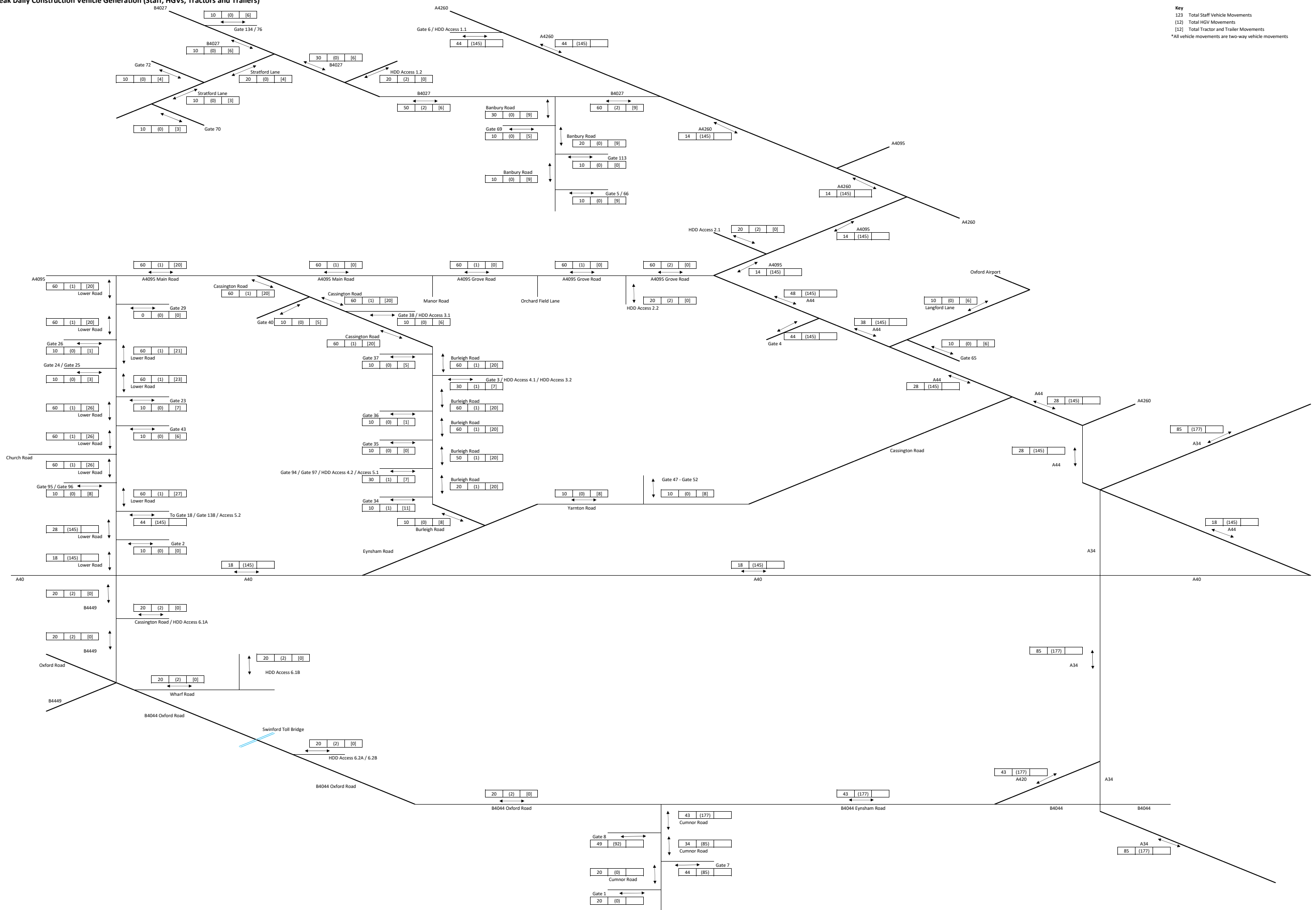
- 1.1.1 This Appendix of the Environmental Statement (ES) has been prepared by RPS on behalf of Photovolt Development Partners GmbH. (PVDP) for the Applicant, SolarFive Ltd. (SolarFive). This Appendix supports Volume 1, Chapter 12: Traffic and transport of the ES.
- 1.1.2 This Appendix presents the traffic flow scenarios that include the Project construction traffic flows and the cumulative development traffic flows which have informed the assessments presented in Volume 1, Chapter 12: Traffic and transport of the ES.
- 1.1.3 All traffic flows are presented in terms of total vehicles and as their Heavy Goods Vehicle (HGV) components along with interim presentation of light vehicle movements. It should be noted that tractor and trailers are assumed to be Heavy Vehicles (HVs) in order to provide a robust assessment.
- 1.1.4 Appendix **A1** presents the peak Project construction traffic flows in line with the assumptions set out in **Section 12.7** of Volume 1, Chapter 12: Traffic and transport of the ES and Volume 3, Appendix 12.6: Construction vehicle trip generation assumptions of the ES.
- 1.1.5 The peak Project construction traffic flows during the weekday AM and PM peak hours that have been used for the assessment of driver delay in **Section 12.9** of Volume 1, Chapter 12: Traffic and transport of the ES are set out in Volume 3, Appendix 12.6: Construction vehicle trip generation assumptions of the ES.
- 1.1.6 Appendix **A2** presents the cumulative development traffic flows in an Annual Average Daily Traffic (AADT) flow format for each cumulative development included within **Section 12.11** of Volume 1, Chapter 12: Traffic and transport of the ES.

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## A1: Peak Project construction traffic flows

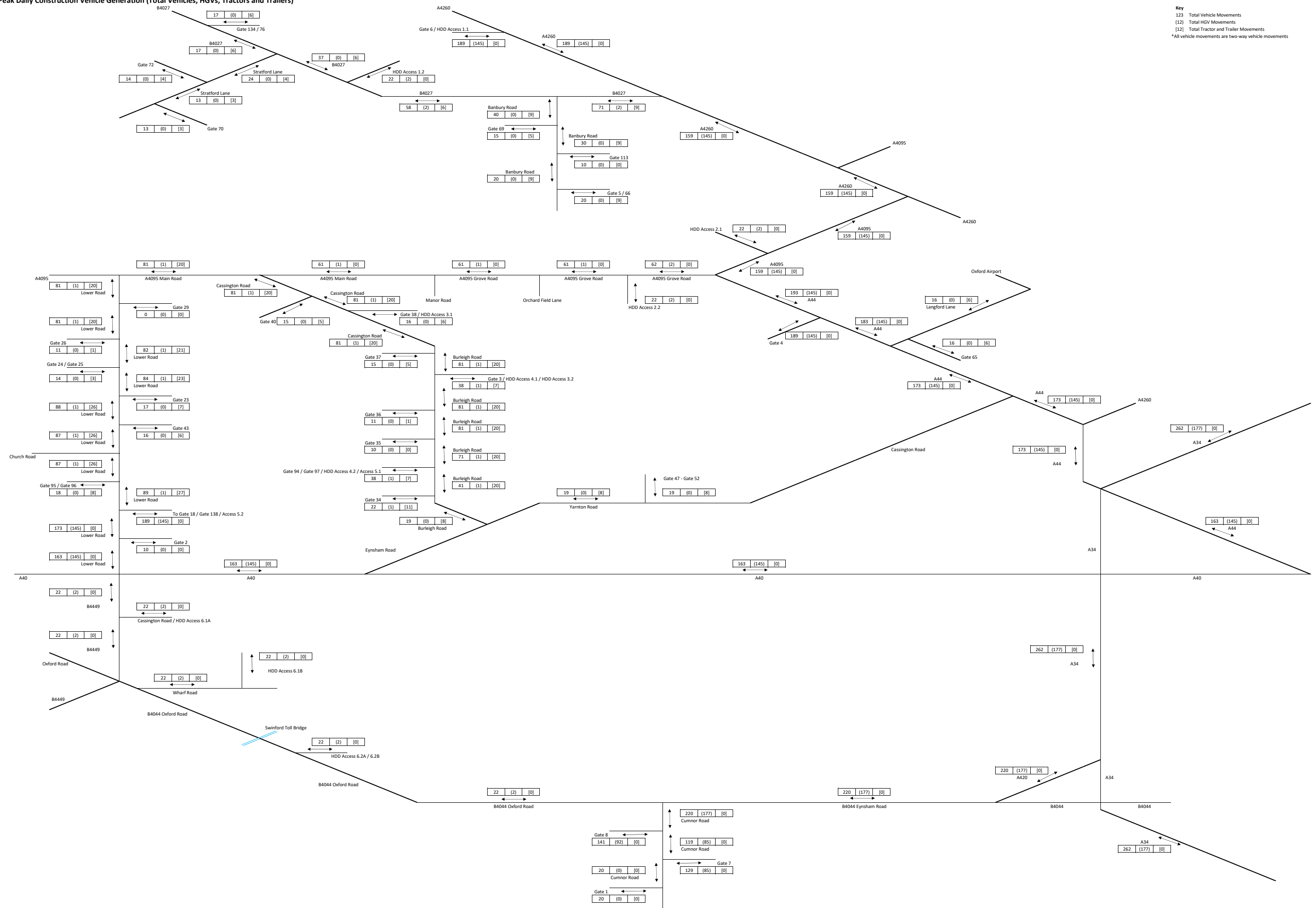
Peak Daily Construction Vehicle Generation (Staff, HGVs, Tractors and Trailers)

Key  
 123 Total Staff Vehicle Movements  
 (12) Total HGV Movements  
 [12] Total Tractor and Trailer Movements  
 \*All vehicle movements are two-way vehicle movements



Peak Daily Construction Vehicle Generation (Total Vehicles, HGVs, Tractors and Trailers)

Key  
 123 Total Vehicle Movements  
 (12) Total HGV Movements  
 [12] Total Tractor and Trailer Movements  
 \*All vehicle movements are two-way vehicle movements





### Peak Daily Construction Traffic Flows and Duration

Link Reference	Description	Peak Daily Construction Traffic Flows				
		Total Vehicles	Staff	HGVs	TTs	Duration of Peak HGV Movements
L1	A4260 Banbury Road between Gate 6 / HDD Access 1.1 and B4027 (West)	189	44	145	0	4 months
L2a	B4027 between A4260 Banbury Road and Banbury Road	71	60	2	9	Approx. 6 months
L2b	B4027 between Banbury Road and Gate 134 / 76	58	50	2	6	Approx. 5 months
L3	A4260 Banbury Road between B4027 (East) and A4095 Bunkers Hill	159	14	145	0	4 months
L4	A4260 Banbury Road between A4095 Bunkers Hill and A4095 Upper Campsfield Road	159	14	145	0	4 months
L5	A4095 Upper Campsfield Road between A4260 Banbury Road and A44 Woodstock Road	159	14	145	0	4 months
L6a	A4095 Bladon Road between A44 Woodstock Road and Orchard Field Lane	62	60	2	0	Approx. 1 month
L6b	A4095 between Orchard Field Lane and Manor Road	61	60	1	0	Approx. 4 months
L6c	A4095 Main Road between Manor Road and Cassington Road	61	60	1	0	Approx. 4 months
L6d	A4095 Main Road between Cassington Road and Lower Road	81	60	1	20	Approx. 4 months
L7	Cassington Road / Burleigh Road between A4095 Main Street and Yarnton Road	81	60	1	20	Approx. 5 months
L8	A44 Woodstock Road between A4095 and Langford Lane	193	48	145	0	4 months
L10	A44 Woodstock Road between Langford Lane and A4260 Frieze Way	173	28	145	0	4 months
L11	A44 between A4260 Frieze Way and A34	173	28	145	0	4 months
L12	A34 Northeast of A44 Woodstock Road	262	85	177	0	4 months
L13	A44 Woodstock Road between A34 and A40 Northern By Pass Road	163	18	145	0	4 months
L14	A40 between A44 Woodstock Road and Eynsham Road	163	18	145	0	4 months
L15	A40 to the West of Eynsham Road	163	18	145	0	4 months
L16a	Lower Road between A40 and Gate 18 / 138 / Access 5.2	173	28	145	0	4 months
L16b	Lower Road between Gate 18 / 138 / Access 5.2 and Church Road	89	60	1	27	Approx. 5 months
L16c	Lower Road between Church Road and A4095 Main Road	88	60	1	26	Approx. 5 months
L17	B4449 between A40 and Cassington Road / HDD Access 6.1A	22	20	2	0	Approx 2. months
L18	B4449 between Cassington Road / HDD Access 6.1A and B4044 / Wharf Road	22	20	2	0	Approx 1. month
L19	Wharf Road between B4044 Oxford Road / HDD Access 6.1B	22	20	2	0	Approx 1. month
L20	B4044 Oxford Road between HDD Access 6.2A / 6.2B and B4017 Cumnor Road	22	20	2	0	Approx. 1 month
L21	B4017 Cumnor Road between B4044 and Gate 1	220	43	177	0	4 months
L22	B4044 Eynsham Road between B4017 Cumnor Road and A420	220	43	177	0	4 months
L23	A420 between B4044 Eynsham Road and A34	220	43	177	0	4 months
L24	A34 Southeast of A420	262	85	177	0	4 months
L25	A34 between A420 and A44 Woodstock Road	262	85	177	0	4 months
L27	Langford Lane between A44 Woodstock Road and The Boulevard	16	10	0	6	Approx. 2 months
L28	Banbury Road between the B4027 and Gate 5 / 66	40	30	0	9	Approx. 6 months
L29	Stratford Lane between the B4027 and Gate 70	24	20	0	4	Approx. 2 months
L30	Yarnton Road between Burleigh Road and Gate 47 - Gate 52	19	10	0	8	Approx. 5 months

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## A2: Cumulative development traffic flows (AADT)

Begbroke Science Park (Planning Application Reference: 23/02098/OUT)			
Link Reference	Description	AADT	
		Total	HVs
L1	A4260 Banbury Road between Gate 6 / HDD Access 1.1 and B4027 (West)	0	0
L2a	B4027 between A4260 Banbury Road and Banbury Road	0	0
L2b	B4027 between Banbury Road and Gate 134 / 76	0	0
L3	A4260 Banbury Road between B4027 (East) and A4095 Bunkers Hill	0	0
L4	A4260 Banbury Road between A4095 Bunkers Hill and A4095 Upper Campsfield Road	0	0
L5	A4095 Upper Campsfield Road between A4260 Banbury Road and A44 Woodstock Road	0	0
L6a	A4095 Bladon Road between A44 Woodstock Road and Orchard Field Lane	0	0
L6b	A4095 between Orchard Field Lane and Manor Road	0	0
L6c	A4095 Main Road between Manor Road and Cassington Road	0	0
L6d	A4095 Main Road between Cassington Road and Lower Road	0	0
L7	Cassington Road / Burleigh Road between A4095 Main Street and Yarnton Road	0	0
L8	A44 Woodstock Road between A4095 and Langford Lane	116	17
L10	A44 Woodstock Road between Langford Lane and A4260 Frieze Way	485	73
L11	A44 between A4260 Frieze Way and A34	369	55
L12	A34 Northeast of A44 Woodstock Road	99	15
L13	A44 Woodstock Road between A34 and A40 Northern By Pass Road	154	23
L14	A40 between A44 Woodstock Road and Eynsham Road	66	10
L15	A40 to the West of Eynsham Road	66	10
L16a	Lower Road between A40 and Gate 18 / 138 / Access 5.2	0	0
L16b	Lower Road between Gate 18 / 138 / Access 5.2 and Church Road	0	0
L16c	Lower Road between Church Road and A4095 Main Road	0	0
L17	B4449 between A40 and Cassington Road / HDD Access 6.1A	0	0
L18	B4449 between Cassington Road / HDD Access 6.1A and B4044 / Wharf Road	0	0
L19	Wharf Road between B4044 Oxford Road / HDD Access 6.1B	0	0
L20	B4044 Oxford Road between HDD Access 6.2A / 6.2B and B4017 Cumnor Road	0	0
L21	B4017 Cumnor Road between B4044 and Gate 1	0	0
L22	B4044 Eynsham Road between B4017 Cumnor Road and A420	0	0
L23	A420 between B4044 Eynsham Road and A34	0	0
L24	A34 Southeast of A420	116	17
L25	A34 between A420 and A44 Woodstock Road	116	17
L27	Langford Lane between A44 Woodstock Road and The Boulevard	0	0
L28	Banbury Road between the B4027 and Gate 5 / 66	0	0
L29	Stratford Lane between the B4027 and Gate 70	0	0
L30	Yarnton Road between Burleigh Road and Gate 47 - Gate 52	0	0

Land at Oxpens Road (Planning Application Reference:22/02954/OUT and 22/02955/FUL)			
Link Reference	Description	AADT	
		Total	HVs
L1	A4260 Banbury Road between Gate 6 / HDD Access 1.1 and B4027 (West)	0	0
L2a	B4027 between A4260 Banbury Road and Banbury Road	0	0
L2b	B4027 between Banbury Road and Gate 134 / 76	0	0
L3	A4260 Banbury Road between B4027 (East) and A4095 Bunkers Hill	0	0
L4	A4260 Banbury Road between A4095 Bunkers Hill and A4095 Upper Campsfield Road	0	0
L5	A4095 Upper Campsfield Road between A4260 Banbury Road and A44 Woodstock Road	0	0
L6a	A4095 Bladon Road between A44 Woodstock Road and Orchard Field Lane	0	0
L6b	A4095 between Orchard Field Lane and Manor Road	0	0
L6c	A4095 Main Road between Manor Road and Cassington Road	0	0
L6d	A4095 Main Road between Cassington Road and Lower Road	0	0
L7	Cassington Road / Burleigh Road between A4095 Main Street and Yarnton Road	0	0
L8	A44 Woodstock Road between A4095 and Langford Lane	0	0
L10	A44 Woodstock Road between Langford Lane and A4260 Frieze Way	0	0
L11	A44 between A4260 Frieze Way and A34	0	0
L12	A34 Northeast of A44 Woodstock Road	14	9
L13	A44 Woodstock Road between A34 and A40 Northern By Pass Road	0	0
L14	A40 between A44 Woodstock Road and Eynsham Road	0	0
L15	A40 to the West of Eynsham Road	0	0
L16a	Lower Road between A40 and Gate 18 / 138 / Access 5.2	0	0
L16b	Lower Road between Gate 18 / 138 / Access 5.2 and Church Road	0	0
L16c	Lower Road between Church Road and A4095 Main Road	0	0
L17	B4449 between A40 and Cassington Road / HDD Access 6.1A	0	0
L18	B4449 between Cassington Road / HDD Access 6.1A and B4044 / Wharf Road	0	0
L19	Wharf Road between B4044 Oxford Road / HDD Access 6.1B	0	0
L20	B4044 Oxford Road between HDD Access 6.2A / 6.2B and B4017 Cumnor Road	0	0
L21	B4017 Cumnor Road between B4044 and Gate 1	0	0
L22	B4044 Eynsham Road between B4017 Cumnor Road and A420	0	0
L23	A420 between B4044 Eynsham Road and A34	0	0
L24	A34 Southeast of A420	14	9
L25	A34 between A420 and A44 Woodstock Road	14	9
L27	Langford Lane between A44 Woodstock Road and The Boulevard	0	0
L28	Banbury Road between the B4027 and Gate 5 / 66	0	0
L29	Stratford Lane between the B4027 and Gate 70	0	0
L30	Yarnton Road between Burleigh Road and Gate 47 - Gate 52	0	0

Oxford Stadium (Planning Application Reference: 24/00539/F)			
Link Reference	Description	AADT	
		Total	HVs
L1	A4260 Banbury Road between Gate 6 / HDD Access 1.1 and B4027 (West)	0	0
L2a	B4027 between A4260 Banbury Road and Banbury Road	0	0
L2b	B4027 between Banbury Road and Gate 134 / 76	0	0
L3	A4260 Banbury Road between B4027 (East) and A4095 Bunkers Hill	0	0
L4	A4260 Banbury Road between A4095 Bunkers Hill and A4095 Upper Campsfield Road	0	0
L5	A4095 Upper Campsfield Road between A4260 Banbury Road and A44 Woodstock Road	0	0
L6a	A4095 Bladon Road between A44 Woodstock Road and Orchard Field Lane	0	0
L6b	A4095 between Orchard Field Lane and Manor Road	0	0
L6c	A4095 Main Road between Manor Road and Cassington Road	0	0
L6d	A4095 Main Road between Cassington Road and Lower Road	0	0
L7	Cassington Road / Burleigh Road between A4095 Main Street and Yarnton Road	0	0
L8	A44 Woodstock Road between A4095 and Langford Lane	72	13
L10	A44 Woodstock Road between Langford Lane and A4260 Frieze Way	72	13
L11	A44 between A4260 Frieze Way and A34	231	40
L12	A34 Northeast of A44 Woodstock Road	62	11
L13	A44 Woodstock Road between A34 and A40 Northern By Pass Road	96	17
L14	A40 between A44 Woodstock Road and Eynsham Road	42	7
L15	A40 to the West of Eynsham Road	42	7
L16a	Lower Road between A40 and Gate 18 / 138 / Access 5.2	0	0
L16b	Lower Road between Gate 18 / 138 / Access 5.2 and Church Road	0	0
L16c	Lower Road between Church Road and A4095 Main Road	0	0
L17	B4449 between A40 and Cassington Road / HDD Access 6.1A	0	0
L18	B4449 between Cassington Road / HDD Access 6.1A and B4044 / Wharf Road	0	0
L19	Wharf Road between B4044 Oxford Road / HDD Access 6.1B	0	0
L20	B4044 Oxford Road between HDD Access 6.2A / 6.2B and B4017 Cumnor Road	0	0
L21	B4017 Cumnor Road between B4044 and Gate 1	0	0
L22	B4044 Eynsham Road between B4017 Cumnor Road and A420	0	0
L23	A420 between B4044 Eynsham Road and A34	0	0
L24	A34 Southeast of A420	72	13
L25	A34 between A420 and A44 Woodstock Road	72	13
L27	Langford Lane between A44 Woodstock Road and The Boulevard	0	0
L28	Banbury Road between the B4027 and Gate 5 / 66	0	0
L29	Stratford Lane between the B4027 and Gate 70	0	0
L30	Yarnton Road between Burleigh Road and Gate 47 - Gate 52	0	0

Land North of Banbury Road (Planning Application Reference: 21/00217/OUT)			
Link Reference	Description	AADT	
		Total	HVs
L1	A4260 Banbury Road between Gate 6 / HDD Access 1.1 and B4027 (West)	0	0
L2a	B4027 between A4260 Banbury Road and Banbury Road	0	0
L2b	B4027 between Banbury Road and Gate 134 / 76	0	0
L3	A4260 Banbury Road between B4027 (East) and A4095 Bunkers Hill	0	0
L4	A4260 Banbury Road between A4095 Bunkers Hill and A4095 Upper Campsfield Road	0	0
L5	A4095 Upper Campsfield Road between A4260 Banbury Road and A44 Woodstock Road	43	21
L6a	A4095 Bladon Road between A44 Woodstock Road and Orchard Field Lane	0	0
L6b	A4095 between Orchard Field Lane and Manor Road	0	0
L6c	A4095 Main Road between Manor Road and Cassington Road	0	0
L6d	A4095 Main Road between Cassington Road and Lower Road	0	0
L7	Cassington Road / Burleigh Road between A4095 Main Street and Yarnton Road	0	0
L8	A44 Woodstock Road between A4095 and Langford Lane	43	21
L10	A44 Woodstock Road between Langford Lane and A4260 Frieze Way	43	21
L11	A44 between A4260 Frieze Way and A34	43	21
L12	A34 Northeast of A44 Woodstock Road	21	11
L13	A44 Woodstock Road between A34 and A40 Northern By Pass Road	0	0
L14	A40 between A44 Woodstock Road and Eynsham Road	0	0
L15	A40 to the West of Eynsham Road	0	0
L16a	Lower Road between A40 and Gate 18 / 138 / Access 5.2	0	0
L16b	Lower Road between Gate 18 / 138 / Access 5.2 and Church Road	0	0
L16c	Lower Road between Church Road and A4095 Main Road	0	0
L17	B4449 between A40 and Cassington Road / HDD Access 6.1A	0	0
L18	B4449 between Cassington Road / HDD Access 6.1A and B4044 / Wharf Road	0	0
L19	Wharf Road between B4044 Oxford Road / HDD Access 6.1B	0	0
L20	B4044 Oxford Road between HDD Access 6.2A / 6.2B and B4017 Cumnor Road	0	0
L21	B4017 Cumnor Road between B4044 and Gate 1	0	0
L22	B4044 Eynsham Road between B4017 Cumnor Road and A420	0	0
L23	A420 between B4044 Eynsham Road and A34	0	0
L24	A34 Southeast of A420	21	11
L25	A34 between A420 and A44 Woodstock Road	21	11
L27	Langford Lane between A44 Woodstock Road and The Boulevard	0	0
L28	Banbury Road between the B4027 and Gate 5 / 66	0	0
L29	Stratford Lane between the B4027 and Gate 70	0	0
L30	Yarnton Road between Burleigh Road and Gate 47 - Gate 52	0	0

Former Piggery and Land North of Woodstock Road (Planning Application Reference: 23/03307/OUT)			
Link Reference	Description	AADT	
		Total	HVs
L1	A4260 Banbury Road between Gate 6 / HDD Access 1.1 and B4027 (West)	0	0
L2a	B4027 between A4260 Banbury Road and Banbury Road	0	0
L2b	B4027 between Banbury Road and Gate 134 / 76	0	0
L3	A4260 Banbury Road between B4027 (East) and A4095 Bunkers Hill	0	0
L4	A4260 Banbury Road between A4095 Bunkers Hill and A4095 Upper Campsfield Road	0	0
L5	A4095 Upper Campsfield Road between A4260 Banbury Road and A44 Woodstock Road	0	0
L6a	A4095 Bladon Road between A44 Woodstock Road and Orchard Field Lane	0	0
L6b	A4095 between Orchard Field Lane and Manor Road	0	0
L6c	A4095 Main Road between Manor Road and Cassington Road	0	0
L6d	A4095 Main Road between Cassington Road and Lower Road	0	0
L7	Cassington Road / Burleigh Road between A4095 Main Street and Yarnton Road	0	0
L8	A44 Woodstock Road between A4095 and Langford Lane	0	0
L10	A44 Woodstock Road between Langford Lane and A4260 Frieze Way	94	16
L11	A44 between A4260 Frieze Way and A34	94	16
L12	A34 Northeast of A44 Woodstock Road	47	8
L13	A44 Woodstock Road between A34 and A40 Northern By Pass Road	0	0
L14	A40 between A44 Woodstock Road and Eynsham Road	0	0
L15	A40 to the West of Eynsham Road	0	0
L16a	Lower Road between A40 and Gate 18 / 138 / Access 5.2	0	0
L16b	Lower Road between Gate 18 / 138 / Access 5.2 and Church Road	0	0
L16c	Lower Road between Church Road and A4095 Main Road	0	0
L17	B4449 between A40 and Cassington Road / HDD Access 6.1A	0	0
L18	B4449 between Cassington Road / HDD Access 6.1A and B4044 / Wharf Road	0	0
L19	Wharf Road between B4044 Oxford Road / HDD Access 6.1B	0	0
L20	B4044 Oxford Road between HDD Access 6.2A / 6.2B and B4017 Cumnor Road	0	0
L21	B4017 Cumnor Road between B4044 and Gate 1	0	0
L22	B4044 Eynsham Road between B4017 Cumnor Road and A420	0	0
L23	A420 between B4044 Eynsham Road and A34	0	0
L24	A34 Southeast of A420	47	8
L25	A34 between A420 and A44 Woodstock Road	47	8
L27	Langford Lane between A44 Woodstock Road and The Boulevard	0	0
L28	Banbury Road between the B4027 and Gate 5 / 66	0	0
L29	Stratford Lane between the B4027 and Gate 70	0	0
L30	Yarnton Road between Burleigh Road and Gate 47 - Gate 52	0	0

Oxford Flood Alleviation Scheme (Planning Application Reference: MW.0027/22)			
Link Reference	Description	AADT	
		Total	HVs
L1	A4260 Banbury Road between Gate 6 / HDD Access 1.1 and B4027 (West)	0	0
L2a	B4027 between A4260 Banbury Road and Banbury Road	0	0
L2b	B4027 between Banbury Road and Gate 134 / 76	0	0
L3	A4260 Banbury Road between B4027 (East) and A4095 Bunkers Hill	0	0
L4	A4260 Banbury Road between A4095 Bunkers Hill and A4095 Upper Campsfield Road	0	0
L5	A4095 Upper Campsfield Road between A4260 Banbury Road and A44 Woodstock Road	0	0
L6a	A4095 Bladon Road between A44 Woodstock Road and Orchard Field Lane	0	0
L6b	A4095 between Orchard Field Lane and Manor Road	0	0
L6c	A4095 Main Road between Manor Road and Cassington Road	0	0
L6d	A4095 Main Road between Cassington Road and Lower Road	0	0
L7	Cassington Road / Burleigh Road between A4095 Main Street and Yarnton Road	0	0
L8	A44 Woodstock Road between A4095 and Langford Lane	0	0
L10	A44 Woodstock Road between Langford Lane and A4260 Frieze Way	0	0
L11	A44 between A4260 Frieze Way and A34	0	0
L12	A34 Northeast of A44 Woodstock Road	88	64
L13	A44 Woodstock Road between A34 and A40 Northern By Pass Road	0	0
L14	A40 between A44 Woodstock Road and Eynsham Road	0	0
L15	A40 to the West of Eynsham Road	0	0
L16a	Lower Road between A40 and Gate 18 / 138 / Access 5.2	0	0
L16b	Lower Road between Gate 18 / 138 / Access 5.2 and Church Road	0	0
L16c	Lower Road between Church Road and A4095 Main Road	0	0
L17	B4449 between A40 and Cassington Road / HDD Access 6.1A	0	0
L18	B4449 between Cassington Road / HDD Access 6.1A and B4044 / Wharf Road	0	0
L19	Wharf Road between B4044 Oxford Road / HDD Access 6.1B	0	0
L20	B4044 Oxford Road between HDD Access 6.2A / 6.2B and B4017 Cumnor Road	0	0
L21	B4017 Cumnor Road between B4044 and Gate 1	0	0
L22	B4044 Eynsham Road between B4017 Cumnor Road and A420	0	0
L23	A420 between B4044 Eynsham Road and A34	0	0
L24	A34 Southeast of A420	79	56
L25	A34 between A420 and A44 Woodstock Road	88	64
L27	Langford Lane between A44 Woodstock Road and The Boulevard	0	0
L28	Banbury Road between the B4027 and Gate 5 / 66	0	0
L29	Stratford Lane between the B4027 and Gate 70	0	0
L30	Yarnton Road between Burleigh Road and Gate 47 - Gate 52	0	0



Cumnor Solar Farm (Planning Application Reference: P23/V0306/SCR)			
Link Reference	Description	AADT	
		Total	HVs
L1	A4260 Banbury Road between Gate 6 / HDD Access 1.1 and B4027 (West)	0	0
L2a	B4027 between A4260 Banbury Road and Banbury Road	0	0
L2b	B4027 between Banbury Road and Gate 134 / 76	0	0
L3	A4260 Banbury Road between B4027 (East) and A4095 Bunkers Hill	0	0
L4	A4260 Banbury Road between A4095 Bunkers Hill and A4095 Upper Campsfield Road	0	0
L5	A4095 Upper Campsfield Road between A4260 Banbury Road and A44 Woodstock Road	0	0
L6a	A4095 Bladon Road between A44 Woodstock Road and Orchard Field Lane	0	0
L6b	A4095 between Orchard Field Lane and Manor Road	0	0
L6c	A4095 Main Road between Manor Road and Cassington Road	0	0
L6d	A4095 Main Road between Cassington Road and Lower Road	0	0
L7	Cassington Road / Burleigh Road between A4095 Main Street and Yarnnton Road	0	0
L8	A44 Woodstock Road between A4095 and Langford Lane	0	0
L10	A44 Woodstock Road between Langford Lane and A4260 Frieze Way	0	0
L11	A44 between A4260 Frieze Way and A34	0	0
L12	A34 Northeast of A44 Woodstock Road	6	1
L13	A44 Woodstock Road between A34 and A40 Northern By Pass Road	0	0
L14	A40 between A44 Woodstock Road and Eynsham Road	0	0
L15	A40 to the West of Eynsham Road	0	0
L16a	Lower Road between A40 and Gate 18 / 138 / Access 5.2	0	0
L16b	Lower Road between Gate 18 / 138 / Access 5.2 and Church Road	0	0
L16c	Lower Road between Church Road and A4095 Main Road	0	0
L17	B4449 between A40 and Cassington Road / HDD Access 6.1A	0	0
L18	B4449 between Cassington Road / HDD Access 6.1A and B4044 / Wharf Road	0	0
L19	Wharf Road between B4044 Oxford Road / HDD Access 6.1B	0	0
L20	B4044 Oxford Road between HDD Access 6.2A / 6.2B and B4017 Cumnor Road	0	0
L21	B4017 Cumnor Road between B4044 and Gate 1	0	0
L22	B4044 Eynsham Road between B4017 Cumnor Road and A420	0	0
L23	A420 between B4044 Eynsham Road and A34	11	3
L24	A34 Southeast of A420	6	1
L25	A34 between A420 and A44 Woodstock Road	6	1
L27	Langford Lane between A44 Woodstock Road and The Boulevard	0	0
L28	Banbury Road between the B4027 and Gate 5 / 66	0	0
L29	Stratford Lane between the B4027 and Gate 70	0	0
L30	Yarnnton Road between Burleigh Road and Gate 47 - Gate 52	0	0

Caswell Lane Solar Farm (Planning Application Reference: 24/01127/SCREEN)			
Link Reference	Description	AADT	
		Total	HVs
L1	A4260 Banbury Road between Gate 6 / HDD Access 1.1 and B4027 (West)	0	0
L2a	B4027 between A4260 Banbury Road and Banbury Road	0	0
L2b	B4027 between Banbury Road and Gate 134 / 76	0	0
L3	A4260 Banbury Road between B4027 (East) and A4095 Bunkers Hill	0	0
L4	A4260 Banbury Road between A4095 Bunkers Hill and A4095 Upper Campsfield Road	0	0
L5	A4095 Upper Campsfield Road between A4260 Banbury Road and A44 Woodstock Road	0	0
L6a	A4095 Bladon Road between A44 Woodstock Road and Orchard Field Lane	0	0
L6b	A4095 between Orchard Field Lane and Manor Road	0	0
L6c	A4095 Main Road between Manor Road and Cassington Road	0	0
L6d	A4095 Main Road between Cassington Road and Lower Road	0	0
L7	Cassington Road / Burleigh Road between A4095 Main Street and Yarnnton Road	0	0
L8	A44 Woodstock Road between A4095 and Langford Lane	0	0
L10	A44 Woodstock Road between Langford Lane and A4260 Frieze Way	0	0
L11	A44 between A4260 Frieze Way and A34	0	0
L12	A34 Northeast of A44 Woodstock Road	8	2
L13	A44 Woodstock Road between A34 and A40 Northern By Pass Road	15	4
L14	A40 between A44 Woodstock Road and Eynsham Road	15	4
L15	A40 to the West of Eynsham Road	15	4
L16a	Lower Road between A40 and Gate 18 / 138 / Access 5.2	0	0
L16b	Lower Road between Gate 18 / 138 / Access 5.2 and Church Road	0	0
L16c	Lower Road between Church Road and A4095 Main Road	0	0
L17	B4449 between A40 and Cassington Road / HDD Access 6.1A	0	0
L18	B4449 between Cassington Road / HDD Access 6.1A and B4044 / Wharf Road	0	0
L19	Wharf Road between B4044 Oxford Road / HDD Access 6.1B	0	0
L20	B4044 Oxford Road between HDD Access 6.2A / 6.2B and B4017 Cumnor Road	0	0
L21	B4017 Cumnor Road between B4044 and Gate 1	0	0
L22	B4044 Eynsham Road between B4017 Cumnor Road and A420	0	0
L23	A420 between B4044 Eynsham Road and A34	0	0
L24	A34 Southeast of A420	8	2
L25	A34 between A420 and A44 Woodstock Road	8	2
L27	Langford Lane between A44 Woodstock Road and The Boulevard	0	0
L28	Banbury Road between the B4027 and Gate 5 / 66	0	0
L29	Stratford Lane between the B4027 and Gate 70	0	0
L30	Yarnnton Road between Burleigh Road and Gate 47 - Gate 52	0	0

Ramsden Solar Farm (Planning Application Reference: 23/00770/SCREEN)			
Link Reference	Description	AADT	
		Total	HVs
L1	A4260 Banbury Road between Gate 6 / HDD Access 1.1 and B4027 (West)	0	0
L2a	B4027 between A4260 Banbury Road and Banbury Road	0	0
L2b	B4027 between Banbury Road and Gate 134 / 76	0	0
L3	A4260 Banbury Road between B4027 (East) and A4095 Bunkers Hill	0	0
L4	A4260 Banbury Road between A4095 Bunkers Hill and A4095 Upper Campsfield Road	0	0
L5	A4095 Upper Campsfield Road between A4260 Banbury Road and A44 Woodstock Road	0	0
L6a	A4095 Bladon Road between A44 Woodstock Road and Orchard Field Lane	0	0
L6b	A4095 between Orchard Field Lane and Manor Road	0	0
L6c	A4095 Main Road between Manor Road and Cassington Road	0	0
L6d	A4095 Main Road between Cassington Road and Lower Road	0	0
L7	Cassington Road / Burleigh Road between A4095 Main Street and Yarnton Road	0	0
L8	A44 Woodstock Road between A4095 and Langford Lane	0	0
L10	A44 Woodstock Road between Langford Lane and A4260 Frieze Way	0	0
L11	A44 between A4260 Frieze Way and A34	0	0
L12	A34 Northeast of A44 Woodstock Road	5	1
L13	A44 Woodstock Road between A34 and A40 Northern By Pass Road	10	2
L14	A40 between A44 Woodstock Road and Eynsham Road	10	2
L15	A40 to the West of Eynsham Road	10	2
L16a	Lower Road between A40 and Gate 18 / 138 / Access 5.2	0	0
L16b	Lower Road between Gate 18 / 138 / Access 5.2 and Church Road	0	0
L16c	Lower Road between Church Road and A4095 Main Road	0	0
L17	B4449 between A40 and Cassington Road / HDD Access 6.1A	0	0
L18	B4449 between Cassington Road / HDD Access 6.1A and B4044 / Wharf Road	0	0
L19	Wharf Road between B4044 Oxford Road / HDD Access 6.1B	0	0
L20	B4044 Oxford Road between HDD Access 6.2A / 6.2B and B4017 Cumnor Road	0	0
L21	B4017 Cumnor Road between B4044 and Gate 1	0	0
L22	B4044 Eynsham Road between B4017 Cumnor Road and A420	0	0
L23	A420 between B4044 Eynsham Road and A34	0	0
L24	A34 Southeast of A420	5	1
L25	A34 between A420 and A44 Woodstock Road	5	1
L27	Langford Lane between A44 Woodstock Road and The Boulevard	0	0
L28	Banbury Road between the B4027 and Gate 5 / 66	0	0
L29	Stratford Lane between the B4027 and Gate 70	0	0
L30	Yarnton Road between Burleigh Road and Gate 47 - Gate 52	0	0

University Farm Solar (Planning Application Reference: 23/00760/SCREEN)			
Link Reference	Description	AADT	
		Total	HVs
L1	A4260 Banbury Road between Gate 6 / HDD Access 1.1 and B4027 (West)	0	0
L2a	B4027 between A4260 Banbury Road and Banbury Road	0	0
L2b	B4027 between Banbury Road and Gate 134 / 76	0	0
L3	A4260 Banbury Road between B4027 (East) and A4095 Bunkers Hill	0	0
L4	A4260 Banbury Road between A4095 Bunkers Hill and A4095 Upper Campsfield Road	0	0
L5	A4095 Upper Campsfield Road between A4260 Banbury Road and A44 Woodstock Road	0	0
L6a	A4095 Bladon Road between A44 Woodstock Road and Orchard Field Lane	0	0
L6b	A4095 between Orchard Field Lane and Manor Road	0	0
L6c	A4095 Main Road between Manor Road and Cassington Road	0	0
L6d	A4095 Main Road between Cassington Road and Lower Road	0	0
L7	Cassington Road / Burleigh Road between A4095 Main Street and Yarnton Road	0	0
L8	A44 Woodstock Road between A4095 and Langford Lane	0	0
L10	A44 Woodstock Road between Langford Lane and A4260 Frieze Way	0	0
L11	A44 between A4260 Frieze Way and A34	0	0
L12	A34 Northeast of A44 Woodstock Road	6	1
L13	A44 Woodstock Road between A34 and A40 Northern By Pass Road	11	3
L14	A40 between A44 Woodstock Road and Eynsham Road	11	3
L15	A40 to the West of Eynsham Road	11	3
L16a	Lower Road between A40 and Gate 18 / 138 / Access 5.2	0	0
L16b	Lower Road between Gate 18 / 138 / Access 5.2 and Church Road	0	0
L16c	Lower Road between Church Road and A4095 Main Road	0	0
L17	B4449 between A40 and Cassington Road / HDD Access 6.1A	0	0
L18	B4449 between Cassington Road / HDD Access 6.1A and B4044 / Wharf Road	0	0
L19	Wharf Road between B4044 Oxford Road / HDD Access 6.1B	0	0
L20	B4044 Oxford Road between HDD Access 6.2A / 6.2B and B4017 Cumnor Road	0	0
L21	B4017 Cumnor Road between B4044 and Gate 1	0	0
L22	B4044 Eynsham Road between B4017 Cumnor Road and A420	0	0
L23	A420 between B4044 Eynsham Road and A34	0	0
L24	A34 Southeast of A420	6	1
L25	A34 between A420 and A44 Woodstock Road	6	1
L27	Langford Lane between A44 Woodstock Road and The Boulevard	0	0
L28	Banbury Road between the B4027 and Gate 5 / 66	0	0
L29	Stratford Lane between the B4027 and Gate 70	0	0
L30	Yarnton Road between Burleigh Road and Gate 47 - Gate 52	0	0

Tar Farm Solar Farm (Planning Application Reference: 21/03711/FUL)			
Link Reference	Description	AADT	
		Total	HVs
L1	A4260 Banbury Road between Gate 6 / HDD Access 1.1 and B4027 (West)	0	0
L2a	B4027 between A4260 Banbury Road and Banbury Road	0	0
L2b	B4027 between Banbury Road and Gate 134 / 76	0	0
L3	A4260 Banbury Road between B4027 (East) and A4095 Bunkers Hill	0	0
L4	A4260 Banbury Road between A4095 Bunkers Hill and A4095 Upper Campsfield Road	0	0
L5	A4095 Upper Campsfield Road between A4260 Banbury Road and A44 Woodstock Road	0	0
L6a	A4095 Bladon Road between A44 Woodstock Road and Orchard Field Lane	0	0
L6b	A4095 between Orchard Field Lane and Manor Road	0	0
L6c	A4095 Main Road between Manor Road and Cassington Road	0	0
L6d	A4095 Main Road between Cassington Road and Lower Road	0	0
L7	Cassington Road / Burleigh Road between A4095 Main Street and Yarnton Road	0	0
L8	A44 Woodstock Road between A4095 and Langford Lane	0	0
L10	A44 Woodstock Road between Langford Lane and A4260 Frieze Way	0	0
L11	A44 between A4260 Frieze Way and A34	0	0
L12	A34 Northeast of A44 Woodstock Road	8	2
L13	A44 Woodstock Road between A34 and A40 Northern By Pass Road	15	4
L14	A40 between A44 Woodstock Road and Eynsham Road	15	4
L15	A40 to the West of Eynsham Road	15	4
L16a	Lower Road between A40 and Gate 18 / 138 / Access 5.2	0	0
L16b	Lower Road between Gate 18 / 138 / Access 5.2 and Church Road	0	0
L16c	Lower Road between Church Road and A4095 Main Road	0	0
L17	B4449 between A40 and Cassington Road / HDD Access 6.1A	0	0
L18	B4449 between Cassington Road / HDD Access 6.1A and B4044 / Wharf Road	0	0
L19	Wharf Road between B4044 Oxford Road / HDD Access 6.1B	0	0
L20	B4044 Oxford Road between HDD Access 6.2A / 6.2B and B4017 Cumnor Road	0	0
L21	B4017 Cumnor Road between B4044 and Gate 1	0	0
L22	B4044 Eynsham Road between B4017 Cumnor Road and A420	0	0
L23	A420 between B4044 Eynsham Road and A34	0	0
L24	A34 Southeast of A420	8	2
L25	A34 between A420 and A44 Woodstock Road	8	2
L27	Langford Lane between A44 Woodstock Road and The Boulevard	0	0
L28	Banbury Road between the B4027 and Gate 5 / 66	0	0
L29	Stratford Lane between the B4027 and Gate 70	0	0
L30	Yarnton Road between Burleigh Road and Gate 47 - Gate 52	0	0

Cumulative Development Total			
Link Reference	Description	AADT	
		Total	HVs
L1	A4260 Banbury Road between Gate 6 / HDD Access 1.1 and B4027 (West)	0	0
L2a	B4027 between A4260 Banbury Road and Banbury Road	0	0
L2b	B4027 between Banbury Road and Gate 134 / 76	0	0
L3	A4260 Banbury Road between B4027 (East) and A4095 Bunkers Hill	0	0
L4	A4260 Banbury Road between A4095 Bunkers Hill and A4095 Upper Campsfield Road	0	0
L5	A4095 Upper Campsfield Road between A4260 Banbury Road and A44 Woodstock Road	43	21
L6a	A4095 Bladon Road between A44 Woodstock Road and Orchard Field Lane	0	0
L6b	A4095 between Orchard Field Lane and Manor Road	0	0
L6c	A4095 Main Road between Manor Road and Cassington Road	0	0
L6d	A4095 Main Road between Cassington Road and Lower Road	0	0
L7	Cassington Road / Burleigh Road between A4095 Main Street and Yarnton Road	0	0
L8	A44 Woodstock Road between A4095 and Langford Lane	231	51
L10	A44 Woodstock Road between Langford Lane and A4260 Frieze Way	695	122
L11	A44 between A4260 Frieze Way and A34	737	133
L12	A34 Northeast of A44 Woodstock Road	363	125
L13	A44 Woodstock Road between A34 and A40 Northern By Pass Road	303	51
L14	A40 between A44 Woodstock Road and Eynsham Road	160	29
L15	A40 to the West of Eynsham Road	160	29
L16a	Lower Road between A40 and Gate 18 / 138 / Access 5.2	0	0
L16b	Lower Road between Gate 18 / 138 / Access 5.2 and Church Road	0	0
L16c	Lower Road between Church Road and A4095 Main Road	0	0
L17	B4449 between A40 and Cassington Road / HDD Access 6.1A	0	0
L18	B4449 between Cassington Road / HDD Access 6.1A and B4044 / Wharf Road	0	0
L19	Wharf Road between B4044 Oxford Road / HDD Access 6.1B	0	0
L20	B4044 Oxford Road between HDD Access 6.2A / 6.2B and B4017 Cumnor Road	0	0
L21	B4017 Cumnor Road between B4044 and Gate 1	0	0
L22	B4044 Eynsham Road between B4017 Cumnor Road and A420	0	0
L23	A420 between B4044 Eynsham Road and A34	11	3
L24	A34 Southeast of A420	382	121
L25	A34 between A420 and A44 Woodstock Road	390	129
L27	Langford Lane between A44 Woodstock Road and The Boulevard	0	0
L28	Banbury Road between the B4027 and Gate 5 / 66	0	0
L29	Stratford Lane between the B4027 and Gate 70	0	0
L30	Yarnton Road between Burleigh Road and Gate 47 - Gate 52	0	0

Cumulative Development Total + Peak Project Construction Traffic Flows (2026)							
Link Reference	Description	Cumulative Development Total Traffic Flows (AADT)		Peak Project Construction Traffic Flows		Cumulative + Peak Project Construction Traffic Flows (AADT)	
		Total	HVs	Total	HVs	Total	HVs
L1	A4260 Banbury Road between Gate 6 / HDD Access 1.1 and B4027 (West)	0	0	189	145	189	145
L2a	B4027 between A4260 Banbury Road and Banbury Road	0	0	71	11	71	11
L2b	B4027 between Banbury Road and Gate 134 / 76	0	0	58	8	58	8
L3	A4260 Banbury Road between B4027 (East) and A4095 Bunkers Hill	0	0	159	145	159	145
L4	A4260 Banbury Road between A4095 Bunkers Hill and A4095 Upper Campsfield Road	0	0	159	145	159	145
L5	A4095 Upper Campsfield Road between A4260 Banbury Road and A44 Woodstock Road	43	21	159	145	202	166
L6a	A4095 Bladon Road between A44 Woodstock Road and Orchard Field Lane	0	0	62	2	62	2
L6b	A4095 between Orchard Field Lane and Manor Road	0	0	61	1	61	1
L6c	A4095 Main Road between Manor Road and Cassington Road	0	0	61	1	61	1
L6d	A4095 Main Road between Cassington Road and Lower Road	0	0	81	21	81	21
L7	Cassington Road / Burleigh Road between A4095 Main Street and Yarnton Road	0	0	81	21	81	21
L8	A44 Woodstock Road between A4095 and Langford Lane	231	51	193	145	424	196
L10	A44 Woodstock Road between Langford Lane and A4260 Frieze Way	695	122	173	145	868	267
L11	A44 between A4260 Frieze Way and A34	737	133	173	145	910	278
L12	A34 Northeast of A44 Woodstock Road	363	125	262	177	624	301
L13	A44 Woodstock Road between A34 and A40 Northern By Pass Road	303	51	163	145	466	196
L14	A40 between A44 Woodstock Road and Eynsham Road	160	29	163	145	323	174
L15	A40 to the West of Eynsham Road	160	29	163	145	323	174
L16a	Lower Road between A40 and Gate 18 / 138 / Access 5.2	0	0	173	145	173	145
L16b	Lower Road between Gate 18 / 138 / Access 5.2 and Church Road	0	0	89	29	89	29
L16c	Lower Road between Church Road and A4095 Main Road	0	0	88	28	88	28
L17	B4449 between A40 and Cassington Road / HDD Access 6.1A	0	0	22	2	22	2
L18	B4449 between Cassington Road / HDD Access 6.1A and B4044 / Wharf Road	0	0	22	2	22	2
L19	Wharf Road between B4044 Oxford Road / HDD Access 6.1B	0	0	22	2	22	2
L20	B4044 Oxford Road between HDD Access 6.2A / 6.2B and B4017 Cumnor Road	0	0	22	2	22	2
L21	B4017 Cumnor Road between B4044 and Gate 1	0	0	220	177	220	177
L22	B4044 Eynsham Road between B4017 Cumnor Road and A420	0	0	220	177	220	177
L23	A420 between B4044 Eynsham Road and A34	11	3	220	177	231	179
L24	A34 Southeast of A420	382	121	262	177	644	297
L25	A34 between A420 and A44 Woodstock Road	390	129	262	177	652	306
L27	Langford Lane between A44 Woodstock Road and The Boulevard	0	0	16	6	16	6
L28	Banbury Road between the B4027 and Gate 5 / 66	0	0	40	10	40	10
L29	Stratford Lane between the B4027 and Gate 70	0	0	24	4	24	4
L30	Yarnton Road between Burleigh Road and Gate 47 - Gate 52	0	0	19	9	19	9