

# VikingLink

**nationalgrid**

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## **UK Onshore Scheme**

**Environmental Statement**

**Volume 4 Document ES-4-C.09**

**Appendix 25**

**Traffic & Transport (Proposed Converter Station)**

**VKL-08-39-G500-009**

**August 2017**



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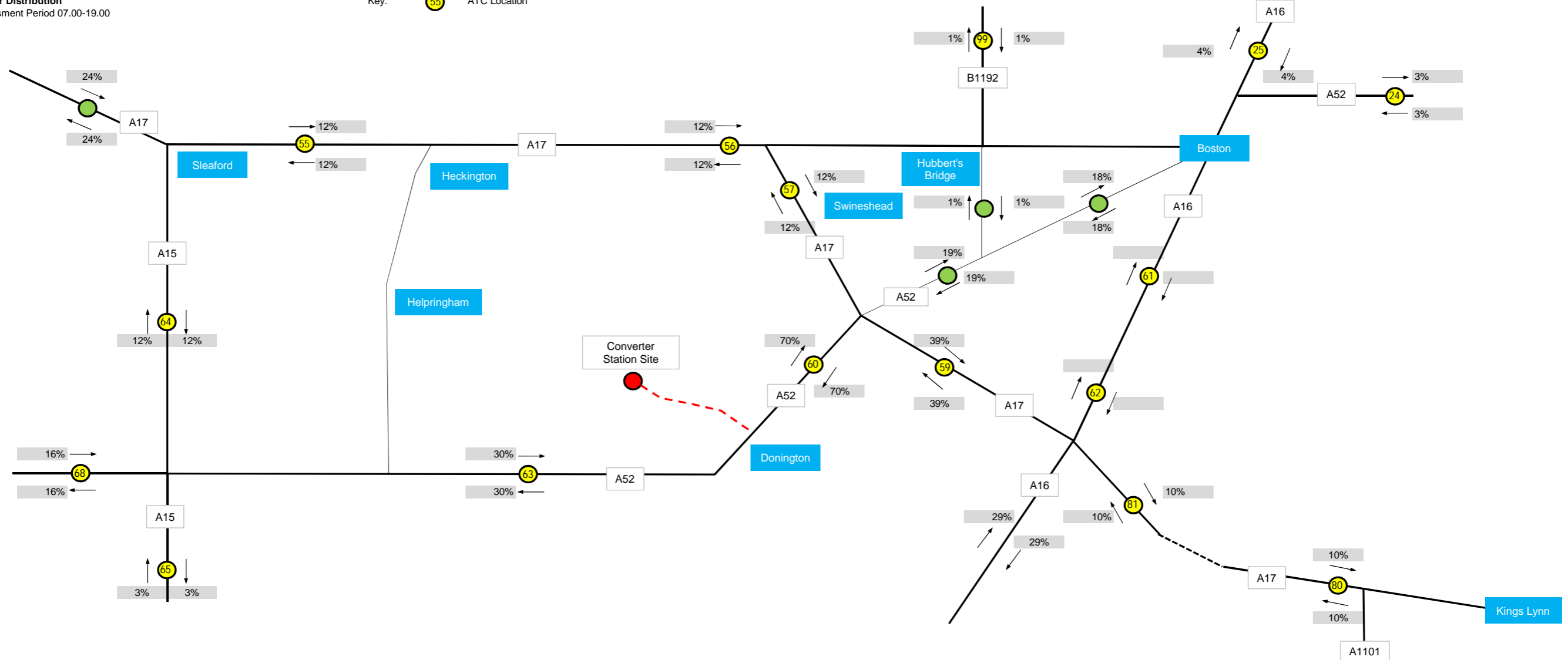
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## Appendix 25.1 Car / Light Goods Vehicle Distribution Diagram

**Worker Distribution**  
Assessment Period 07.00-19.00

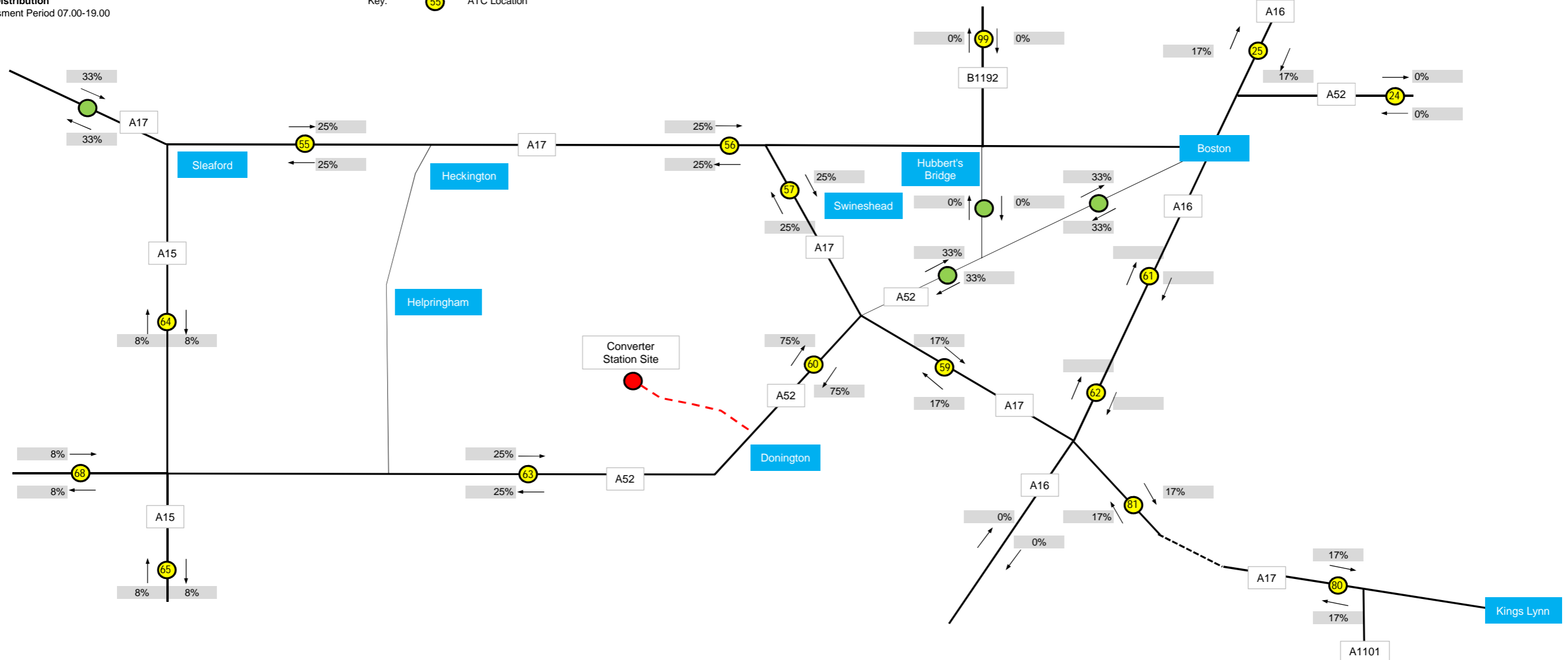
Key:  ATC Location



## Appendix 25.2 Heavy Goods Vehicle Distribution Diagram

HGV Distribution  
Assessment Period 07.00-19.00

Key:  ATC Location





## Appendix 25.3 Traffic Survey Flows

**Table 1 2016 / 2017 Surveyed 12-hour (07.00-19.00)**

Locations	ATC Site	Summer						Winter					
		Weekday			Saturday			Weekday			Saturday		
		Cars/ LGVs	HGVs	Total	Cars/ LGVs	HGVs	Total	Cars/ LGVs	HGVs	Total	Cars/ LGVs	HGVs	Total
A17 (Swineshead)	57	9,981	1,241	11,222	9,926	478	10,404	7,739	1,336	9,074	4,976	516	5,492
A52 (Bicker)	60	5,852	309	6,161	5,830	122	5,952	5,535	327	5,862	4,120	89	4,209
A52 (Swaton)	63	4,624	319	4,943	4,845	132	4,977	4,280	230	4,510	2,564	61	2,625
A15 (Swarby)	64	4,134	255	4,389	3,324	58	3,382	4,083	239	4,322	2,907	56	2,963
A17 (Kirkby la Thorpe)	55	15,930	2,715	18,645	15,675	957	16,632	13,775	2,630	16,405	10,824	819	11,643
A17 (Swineshead Bridge)	56	15,202	1,529	16,731	14,419	573	14,992	13,744	1,434	15,178	9,057	560	9,617
A1121 (Hubbert's Bridge)	58	6,294	395	6,689	5,119	111	5,230	6,594	332	6,926	4,591	89	4,680
A17 (Wigtoft)	59	13,935	1,595	15,530	13,744	713	14,457	11,102	1,768	12,870	7,729	753	8,482
A16 (Kirton)	61	14,145	767	14,912	14,713	251	14,964	13,391	822	14,213	10,446	247	10,693
A16 (Algarkirk)	62	14,617	796	15,413	14,686	288	14,974	13,290	865	14,155	10,124	259	10,383

**Table 1 2016 / 2017 Surveyed 12-hour (07.00-19.00)**

Locations	ATC Site	Summer						Winter					
		Weekday			Saturday			Weekday			Saturday		
		Cars/LGVs	HGVs	Total	Cars/LGVs	HGVs	Total	Cars/LGVs	HGVs	Total	Cars/LGVs	HGVs	Total
A16 (Hilldyke)	25	7,481	304	7,786	6,727	80	6,807	7,311	335	7,646	5,683	96	5,779
A52 (Haltoft End)	24	8,131	311	8,442	9,034	147	9,181	7,104	362	7,466	5,664	154	5,818
A15 (Folkingham)	65	3,518	193	3,711	2,709	45	2,754	3,385	176	3,561	2,466	42	2,508
A52 (Dembleby)	68	5,397	334	5,732	5,398	127	5,525	4,548	356	4,904	3,093	85	3,178
A17 (Holbeach Clough)	81	13,695	1,341	15,036	14,853	486	15,339	9,718	1,250	10,968	6,652	300	6,952
A17 (Long Sutton)	80	15,555	1,490	17,045	16,902	503	17,405	11,097	1,429	12,526	7,746	339	8,085
B1992 (Langrick)	99	6,880	376	7,257	6,253	114	6,367	6,171	338	6,509	4,669	76	4,745

# Appendix 25.4 All Assessment Scenarios Traffic Flows

## 2019 Base Traffic Flows and Percentage Traffic Increase

The following tables show the 2019 Base traffic flows (summer/winter, weekday/Saturday) with and without construction traffic, plus the percentage increase in traffic.

Table 1 2019 Two-Way Traffic Flows and Percentage Increase (Weekday Average 07:00-19:00) - Summer										
Site	Road Link	Base 2019			Base 2019 + Construction Traffic			Percentage Increase		
		Car & LGV	HGV	Total	Car & LGV	HGV	Total	Car & LGV	HGV	Total
57	A17 (Swineshead)	10,157	1,263	11,420	10,166	1,291	11,457	0.1%	2.2%	0.3%
60	A52 (Bicker)	5,955	315	6,270	6,010	398	6,408	0.9%	26.3%	2.2%
63	A52 (Swaton)	4,706	324	5,030	4,729	352	5,081	0.5%	8.5%	1.0%
64	A15 (Swarby)	4,207	260	4,467	4,216	269	4,485	0.2%	3.5%	0.4%
55	A17 (Kirkby la Thorpe)	16,211	2,763	18,974	16,220	2,790	19,010	0.1%	1.0%	0.2%
56	A17 (Swineshead Bridge)	15,470	1,556	17,027	15,479	1,584	17,063	0.1%	1.8%	0.2%
58	A1121 (Hubbert's Bridge)	6,405	402	6,807	6,405	402	6,807	0.0%	0.0%	0.0%
59	A17 (Wigtoft)	14,181	1,623	15,804	14,211	1,641	15,852	0.2%	1.1%	0.3%
61	A16 (Kirton)	14,395	781	15,175	14,395	781	15,175	0.0%	0.0%	0.0%
62	A16 (Algarkirk)	14,875	810	15,685	14,875	810	15,685	0.0%	0.0%	0.0%
25	A16 (Hilldyke)	7,613	310	7,923	7,616	328	7,944	0.0%	5.9%	0.3%
24	A52 (Haltoft End)	8,274	316	8,591	8,276	316	8,593	0.0%	0.0%	0.0%
65	A15 (Folkingham)	3,580	196	3,776	3,582	205	3,787	0.1%	4.7%	0.3%
68	A52 (Dembleby)	5,493	340	5,833	5,505	349	5,854	0.2%	2.7%	0.4%
81	A17 (Holbeach Clough)	13,936	1,364	15,301	13,944	1,383	15,327	0.1%	1.3%	0.2%
80	A17 (Long Sutton)	15,829	1,516	17,346	15,837	1,535	17,371	0.0%	1.2%	0.1%
99	B1192 (Langrick)	7,002	383	7,385	7,003	383	7,386	0.0%	0.0%	0.0%

As indicated in the above table, none of the sites would experience an increase in HGVs greater than 30%.

Table 2 2019 Two-Way Traffic Flows and Percentage Increase (Saturday Average 07:00-19:00) - Summer										
Site	Road Link	Base 2019			Base 2019 + Construction Traffic			Percentage Increase		
		Car & LGV	HGV	Total	Car & LGV	HGV	Total	Car & LGV	HGV	Total
57	A17 (Swineshead)	10,095	486	10,581	10,104	514	10,618	0.1%	5.7%	0.3%
60	A52 (Bicker)	5,929	124	6,053	5,984	207	6,191	0.9%	66.8%	2.3%
63	A52 (Swaton)	4,927	134	5,062	4,951	162	5,113	0.5%	20.6%	1.0%

**Table 2 2019 Two-Way Traffic Flows and Percentage Increase (Saturday Average 07:00-19:00) - Summer**

Site	Road Link	Base 2019			Base 2019 + Construction Traffic			Percentage Increase		
		Car & LGV	HGV	Total	Car & LGV	HGV	Total	Car & LGV	HGV	Total
64	A15 (Swarby)	3,380	59	3,439	3,390	68	3,458	0.3%	15.6%	0.5%
55	A17 (Kirkby la Thorpe)	15,941	973	16,915	15,950	1,001	16,951	0.1%	2.8%	0.2%
56	A17 (Swineshead Bridge)	14,664	583	15,247	14,673	610	15,284	0.1%	4.7%	0.2%
58	A1121 (Hubbert's Bridge)	5,206	113	5,319	5,206	113	5,319	0.0%	0.0%	0.0%
59	A17 (Wigtoft)	13,977	725	14,703	14,008	743	14,751	0.2%	2.5%	0.3%
61	A16 (Kirton)	14,963	255	15,218	14,963	255	15,218	0.0%	0.0%	0.0%
62	A16 (Algarkirk)	14,935	293	15,228	14,935	293	15,228	0.0%	0.0%	0.0%
25	A16 (Hillydyke)	6,841	81	6,923	6,844	100	6,944	0.0%	22.4%	0.3%
24	A52 (Haltoft End)	9,187	149	9,337	9,189	149	9,339	0.0%	0.0%	0.0%
65	A15 (Folkingham)	2,755	46	2,801	2,757	55	2,812	0.1%	20.1%	0.4%
68	A52 (Dembleby)	5,490	129	5,619	5,502	138	5,640	0.2%	7.1%	0.4%
81	A17 (Holbeach Clough)	15,105	494	15,600	15,113	513	15,625	0.0%	3.7%	0.2%
80	A17 (Long Sutton)	17,189	512	17,701	17,197	530	17,726	0.0%	3.6%	0.1%
99	B1192 (Langrick)	6,359	116	6,475	6,360	116	6,476	0.0%	0.0%	0.0%

As indicated in the above table, only one of the sites would experience an increase in HGVs greater than 30%. This is primarily due to the fact that the base HGV traffic is relatively low on Saturdays compared with the expected additional numbers.

**Table 3 2019 Two-Way Traffic Flows and Percentage Increase (Weekday Average 07:00-19:00) - Winter**

Site	Road Link	Base 2019			Base 2019 + Construction Traffic			Percentage Increase		
		Car & LGV	HGV	Total	Car & LGV	HGV	Total	Car & LGV	HGV	Total
57	A17 (Swineshead)	7,829	1,351	9,180	7,838	1,379	9,217	0.1%	2.0%	0.4%
60	A52 (Bicker)	5,600	331	5,930	5,654	414	6,068	1.0%	25.1%	2.3%
63	A52 (Swaton)	4,330	232	4,563	4,354	260	4,614	0.5%	11.9%	1.1%
64	A15 (Swarby)	4,130	242	4,372	4,139	251	4,391	0.2%	3.8%	0.4%
55	A17 (Kirkby la Thorpe)	13,935	2,661	16,596	13,945	2,688	16,633	0.1%	1.0%	0.2%
56	A17 (Swineshead Bridge)	13,904	1,451	15,355	13,913	1,479	15,392	0.1%	1.9%	0.2%
58	A1121 (Hubbert's Bridge)	6,671	336	7,007	6,671	336	7,007	0.0%	0.0%	0.0%
59	A17 (Wigtoft)	11,232	1,788	13,020	11,262	1,806	13,068	0.3%	1.0%	0.4%

**Table 3 2019 Two-Way Traffic Flows and Percentage Increase (Weekday Average 07:00-19:00) - Winter**

Site	Road Link	Base 2019			Base 2019 + Construction Traffic			Percentage Increase		
		Car & LGV	HGV	Total	Car & LGV	HGV	Total	Car & LGV	HGV	Total
61	A16 (Kirton)	13,547	831	14,379	13,547	831	14,379	0.0%	0.0%	0.0%
62	A16 (Algarkirk)	13,445	875	14,320	13,445	875	14,320	0.0%	0.0%	0.0%
25	A16 (Hilldyke)	7,396	339	7,735	7,399	358	7,757	0.0%	5.4%	0.3%
24	A52 (Haltoft End)	7,187	366	7,553	7,189	366	7,555	0.0%	0.0%	0.0%
65	A15 (Folkingham)	3,425	178	3,602	3,427	187	3,614	0.1%	5.2%	0.3%
68	A52 (Dembleby)	4,601	360	4,961	4,613	369	4,982	0.3%	2.6%	0.4%
81	A17 (Holbeach Clough)	9,831	1,265	11,096	9,839	1,283	11,122	0.1%	1.4%	0.2%
80	A17 (Long Sutton)	11,226	1,446	12,672	11,234	1,464	12,698	0.1%	1.3%	0.2%
99	B1192 (Langrick)	6,243	342	6,585	6,244	342	6,586	0.0%	0.0%	0.0%

As indicated in the above table, none of the sites would experience an increase in HGVs greater than 30%.

**Table 4 2019 Two-Way Traffic Flows and Percentage Increase (Saturday Average 07:00-19:00) - Winter**

Site	Road Link	Base 2019			Base 2019 + Construction Traffic			Percentage Increase		
		Car & LGV	HGV	Total	Car & LGV	HGV	Total	Car & LGV	HGV	Total
57	A17 (Swineshead)	5,032	522	5,554	5,041	549	5,590	0.2%	5.3%	0.7%
60	A52 (Bicker)	4,166	90	4,256	4,221	173	4,394	1.3%	92.2%	3.2%
63	A52 (Swaton)	2,593	62	2,654	2,616	89	2,706	0.9%	44.8%	1.9%
64	A15 (Swarby)	2,940	57	2,996	2,949	66	3,015	0.3%	16.2%	0.6%
55	A17 (Kirkby la Thorpe)	10,945	828	11,774	10,955	856	11,810	0.1%	3.3%	0.3%
56	A17 (Swineshead Bridge)	9,159	566	9,725	9,168	594	9,762	0.1%	4.9%	0.4%
58	A1121 (Hubbert's Bridge)	4,642	90	4,732	4,642	90	4,732	0.0%	0.0%	0.0%
59	A17 (Wigtoft)	7,816	761	8,577	7,846	780	8,625	0.4%	2.4%	0.6%
61	A16 (Kirton)	10,563	250	10,813	10,563	250	10,813	0.0%	0.0%	0.0%
62	A16 (Algarkirk)	10,238	262	10,499	10,238	262	10,499	0.0%	0.0%	0.0%
25	A16 (Hilldyke)	5,747	97	5,844	5,750	115	5,865	0.1%	18.8%	0.4%
24	A52 (Haltoft End)	5,728	156	5,883	5,729	156	5,885	0.0%	0.0%	0.0%
65	A15 (Folkingham)	2,494	42	2,536	2,496	52	2,547	0.1%	21.6%	0.4%
68	A52 (Dembleby)	3,128	86	3,214	3,140	95	3,235	0.4%	10.7%	0.7%
81	A17 (Holbeach Clough)	6,727	303	7,030	6,734	322	7,056	0.1%	6.0%	0.4%

**Table 4 2019 Two-Way Traffic Flows and Percentage Increase (Saturday Average 07:00-19:00) - Winter**

Site	Road Link	Base 2019			Base 2019 + Construction Traffic			Percentage Increase		
		Car & LGV	HGV	Total	Car & LGV	HGV	Total	Car & LGV	HGV	Total
80	A17 (Long Sutton)	7,833	343	8,176	7,840	361	8,201	0.1%	5.3%	0.3%
99	B1192 (Langrick)	4,721	77	4,798	4,722	77	4,799	0.0%	0.0%	0.0%

As indicated in the above table, only two of the sites would experience an increase in HGVs greater than 30%. This is primarily due to the fact that the base HGV traffic is relatively low on Saturdays compared with the expected additional numbers.

### 2022 Base Traffic Flows and Percentage Traffic Increase

The following tables show the 2022 Base traffic flows (summer/winter, weekday/Saturday) with and without construction traffic, plus the percentage increase in traffic.

**Table 4 2022 Two-Way Traffic Flows and Percentage Increase (Weekday Average 07:00-19:00) - Summer**

Site	Road Link	Base 2022			Base 2022 + Construction Traffic			Percentage Increase		
		Car & LGV	HGV	Total	Car & LGV	HGV	Total	Car & LGV	HGV	Total
57	A17 (Swineshead)	10,343	1,286	11,629	10,352	1,314	11,666	0.1%	2.1%	0.3%
60	A52 (Bicker)	6,064	321	6,385	6,119	404	6,522	0.9%	25.9%	2.2%
63	A52 (Swaton)	4,792	330	5,122	4,815	358	5,173	0.5%	8.4%	1.0%
64	A15 (Swarby)	4,284	264	4,548	4,293	274	4,567	0.2%	3.5%	0.4%
55	A17 (Kirkby la Thorpe)	16,507	2,813	19,321	16,517	2,841	19,357	0.1%	1.0%	0.2%
56	A17 (Swineshead Bridge)	15,753	1,585	17,338	15,762	1,612	17,375	0.1%	1.7%	0.2%
58	A1121 (Hubbert's Bridge)	6,522	410	6,932	6,522	410	6,932	0.0%	0.0%	0.0%
59	A17 (Wigtoft)	14,440	1,653	16,093	14,470	1,671	16,141	0.2%	1.1%	0.3%
61	A16 (Kirkton)	14,658	795	15,453	14,658	795	15,453	0.0%	0.0%	0.0%
62	A16 (Algarkirk)	15,147	824	15,972	15,147	824	15,972	0.0%	0.0%	0.0%
25	A16 (Hilldyke)	7,753	315	8,068	7,756	333	8,089	0.0%	5.8%	0.3%
24	A52 (Haltoft End)	8,426	322	8,748	8,428	322	8,750	0.0%	0.0%	0.0%
65	A15 (Folkingham)	3,646	200	3,845	3,648	209	3,857	0.1%	4.6%	0.3%
68	A52 (Dembleby)	5,593	346	5,939	5,605	355	5,961	0.2%	2.7%	0.4%



**Table 4 2022 Two-Way Traffic Flows and Percentage Increase (Weekday Average 07:00-19:00) - Summer**

Site	Road Link	Base 2022			Base 2022 + Construction Traffic			Percentage Increase		
		Car & LGV	HGV	Total	Car & LGV	HGV	Total	Car & LGV	HGV	Total
81	A17 (Holbeach Clough)	14,191	1,389	15,581	14,199	1,408	15,606	0.1%	1.3%	0.2%
80	A17 (Long Sutton)	16,119	1,544	17,663	16,126	1,562	17,689	0.0%	1.2%	0.1%
99	B1192 (Langrick)	7,130	390	7,520	7,131	390	7,521	0.0%	0.0%	0.0%

As indicated in the above table, none of the sites would experience an increase in HGVs greater than 30%.

**Table 5 2022 Two-Way Traffic Flows and Percentage Increase (Saturday Average 07:00-19:00) - Summer**

Site	Road Link	Base 2022			Base 2022 + Construction Traffic			Percentage Increase		
		Car & LGV	HGV	Total	Car & LGV	HGV	Total	Car & LGV	HGV	Total
57	A17 (Swineshead)	10,273	495	10,768	10,282	522	10,805	0.1%	5.6%	0.3%
60	A52 (Bicker)	6,034	126	6,160	6,088	209	6,298	0.9%	65.7%	2.2%
63	A52 (Swaton)	5,014	137	5,151	5,038	164	5,202	0.5%	20.2%	1.0%
64	A15 (Swarby)	3,440	60	3,500	3,449	69	3,519	0.3%	15.3%	0.5%
55	A17 (Kirkby la Thorpe)	16,223	990	17,214	16,232	1,018	17,251	0.1%	2.8%	0.2%
56	A17 (Swineshead Bridge)	14,923	593	15,516	14,932	621	15,553	0.1%	4.7%	0.2%
58	A1121 (Hubbert's Bridge)	5,298	115	5,413	5,298	115	5,413	0.0%	0.0%	0.0%
59	A17 (Wigtoft)	14,225	738	14,963	14,255	756	15,011	0.2%	2.5%	0.3%
61	A16 (Kirton)	15,228	260	15,487	15,228	260	15,487	0.0%	0.0%	0.0%
62	A16 (Algarkirk)	15,200	298	15,498	15,200	298	15,498	0.0%	0.0%	0.0%
25	A16 (Hilldyke)	6,962	83	7,045	6,965	101	7,066	0.0%	22.0%	0.3%
24	A52 (Haltoft End)	9,350	152	9,502	9,352	152	9,504	0.0%	0.0%	0.0%
65	A15 (Folkingham)	2,804	47	2,850	2,806	56	2,861	0.1%	19.7%	0.4%
68	A52 (Dembleby)	5,587	131	5,718	5,599	141	5,740	0.2%	7.0%	0.4%
81	A17 (Holbeach Clough)	15,372	503	15,875	15,380	521	15,901	0.0%	3.6%	0.2%
80	A17 (Long Sutton)	17,493	521	18,014	17,501	539	18,039	0.0%	3.5%	0.1%
99	B1192 (Langrick)	6,472	118	6,590	6,473	118	6,591	0.0%	0.0%	0.0%

As indicated in the above table, only one of the sites would experience an increase in HGVs greater than 30%. This is primarily due to the fact that the base HGV traffic is relatively low on Saturdays compared with the expected additional numbers.

**Table 6 2022 Two-Way Traffic Flows and Percentage Increase (Weekday Average 07:00-19:00) - Winter**

Site	Road Link	Base 2022			Base 2022 + Construction Traffic			Percentage Increase		
		Car & LGV	HGV	Total	Car & LGV	HGV	Total	Car & LGV	HGV	Total
57	A17 (Swineshead)	7,972	1,376	9,348	7,981	1,404	9,385	0.1%	2.0%	0.4%
60	A52 (Bicker)	5,702	337	6,039	5,757	420	6,176	1.0%	24.6%	2.3%
63	A52 (Swaton)	4,409	237	4,646	4,433	264	4,697	0.5%	11.7%	1.1%
64	A15 (Swarby)	4,206	247	4,452	4,215	256	4,471	0.2%	3.7%	0.4%
55	A17 (Kirkby la Thorpe)	14,190	2,709	16,899	14,199	2,737	16,936	0.1%	1.0%	0.2%
56	A17 (Swineshead Bridge)	14,158	1,478	15,636	14,167	1,505	15,673	0.1%	1.9%	0.2%
58	A1121 (Hubbert's Bridge)	6,793	342	7,135	6,793	342	7,135	0.0%	0.0%	0.0%
59	A17 (Wigtoft)	11,437	1,821	13,258	11,467	1,839	13,306	0.3%	1.0%	0.4%
61	A16 (Kirton)	13,795	847	14,641	13,795	847	14,641	0.0%	0.0%	0.0%
62	A16 (Algarkirk)	13,691	891	14,582	13,691	891	14,582	0.0%	0.0%	0.0%
25	A16 (Hilldyke)	7,531	346	7,877	7,534	364	7,898	0.0%	5.3%	0.3%
24	A52 (Haltoft End)	7,318	373	7,691	7,320	373	7,693	0.0%	0.0%	0.0%
65	A15 (Folkingham)	3,487	181	3,668	3,489	190	3,680	0.1%	5.1%	0.3%
68	A52 (Dembleby)	4,685	366	5,052	4,698	375	5,073	0.3%	2.5%	0.4%
81	A17 (Holbeach Clough)	10,011	1,288	11,299	10,018	1,306	11,325	0.1%	1.4%	0.2%
80	A17 (Long Sutton)	11,431	1,472	12,904	11,439	1,491	12,930	0.1%	1.2%	0.2%
99	B1192 (Langrick)	6,357	348	6,705	6,358	348	6,706	0.0%	0.0%	0.0%

As indicated in the above table, none of the sites would experience an increase in HGVs greater than 30%.

**Table 7 2022 Two-Way Traffic Flows and Percentage Increase (Saturday Average 07:00-19:00) - Winter**

Site	Road Link	Base 2022			Base 2022 + Construction Traffic			Percentage Increase		
		Car & LGV	HGV	Total	Car & LGV	HGV	Total	Car & LGV	HGV	Total
57	A17 (Swineshead)	5,121	531	5,652	5,130	559	5,689	0.2%	5.2%	0.7%
60	A52 (Bicker)	4,240	92	4,331	4,294	175	4,469	1.3%	90.6%	3.2%
63	A52 (Swaton)	2,639	63	2,701	2,662	90	2,752	0.9%	44.0%	1.9%
64	A15 (Swarby)	2,992	58	3,049	3,001	67	3,068	0.3%	15.9%	0.6%
55	A17 (Kirkby la Thorpe)	11,139	843	11,982	11,148	870	12,019	0.1%	3.3%	0.3%
56	A17 (Swineshead Bridge)	9,320	576	9,897	9,330	604	9,934	0.1%	4.8%	0.4%
58	A1121 (Hubbert's Bridge)	4,725	92	4,816	4,725	92	4,816	0.0%	0.0%	0.0%
59	A17 (Wigtoft)	7,954	775	8,729	7,984	793	8,777	0.4%	2.4%	0.6%
61	A16 (Kirton)	10,750	254	11,004	10,750	254	11,004	0.0%	0.0%	0.0%
62	A16 (Algarkirk)	10,418	267	10,685	10,418	267	10,685	0.0%	0.0%	0.0%
25	A16 (Hillydyke)	5,848	99	5,947	5,851	117	5,968	0.0%	18.5%	0.4%
24	A52 (Haltoft End)	5,829	158	5,987	5,831	158	5,989	0.0%	0.0%	0.0%
65	A15 (Folkingham)	2,538	43	2,581	2,540	52	2,592	0.1%	21.2%	0.4%
68	A52 (Dembleby)	3,183	87	3,270	3,195	97	3,292	0.4%	10.5%	0.7%
81	A17 (Holbeach Clough)	6,845	309	7,154	6,853	327	7,180	0.1%	5.9%	0.4%
80	A17 (Long Sutton)	7,971	349	8,320	7,979	367	8,346	0.1%	5.2%	0.3%
99	B1192 (Langrick)	4,805	78	4,883	4,806	78	4,884	0.0%	0.0%	0.0%

As indicated in the above table, two of the sites would experience an increase in HGVs greater than 30%. This is primarily due to the fact that the base HGV traffic is relatively low on Saturdays compared with the expected additional numbers.

### 2019 Base Traffic Flows and Percentage Traffic Increase (with 20% construction traffic uplift)

The following tables show the 2019 Base traffic flows (summer/winter, weekday/Saturday) with and without construction traffic, plus the percentage increase in traffic. The construction traffic has been uplifted by 20%, as described previously.

**Table 8 2019 Two-Way Traffic Flows (with 20% construction traffic uplift) and Percentage Increase (Weekday Average 07:00-19:00) – Summer**

Site	Road Link	Base 2019			Base 2019 + Construction Traffic (20% Uplift)			Percentage Increase		
		Car & LGV	HGV	Total	Car & LGV	HGV	Total	Car & LGV	HGV	Total
57	A17 (Swineshead)	10,157	1,263	11,420	10,168	1,296	11,464	0.1%	2.6%	0.4%
60	A52 (Bicker)	5,955	315	6,270	6,021	414	6,435	1.1%	31.6%	2.6%
63	A52 (Swaton)	4,706	324	5,030	4,734	357	5,091	0.6%	10.2%	1.2%
64	A15 (Swarby)	4,207	260	4,467	4,218	271	4,489	0.3%	4.2%	0.5%
55	A17 (Kirkby la Thorpe)	16,211	2,763	18,974	16,222	2,796	19,018	0.1%	1.2%	0.2%
56	A17 (Swineshead Bridge)	15,470	1,556	17,027	15,481	1,590	17,071	0.1%	2.1%	0.3%
58	A1121 (Hubbert's Bridge)	6,405	402	6,807	6,405	402	6,807	0.0%	0.0%	0.0%
59	A17 (Wigtoft)	14,181	1,623	15,804	14,217	1,645	15,862	0.3%	1.3%	0.4%
61	A16 (Kirton)	14,395	781	15,175	14,395	781	15,175	0.0%	0.0%	0.0%
62	A16 (Algarkirk)	14,875	810	15,685	14,875	810	15,685	0.0%	0.0%	0.0%
25	A16 (Hilldyke)	7,613	310	7,923	7,617	331	7,948	0.0%	7.1%	0.3%
24	A52 (Haltoft End)	8,274	316	8,591	8,277	316	8,593	0.0%	0.0%	0.0%
65	A15 (Folkingham)	3,580	196	3,776	3,582	207	3,790	0.1%	5.6%	0.4%
68	A52 (Dembleby)	5,493	340	5,833	5,507	351	5,858	0.3%	3.2%	0.4%
81	A17 (Holbeach Clough)	13,936	1,364	15,301	13,945	1,386	15,332	0.1%	1.6%	0.2%
80	A17 (Long Sutton)	15,829	1,516	17,346	15,838	1,538	17,377	0.1%	1.4%	0.2%
99	B1192 (Langrick)	7,002	383	7,385	7,003	383	7,386	0.0%	0.0%	0.0%

As indicated in the above table, only one of the sites would experience an increase in HGVs slightly above 30%, which is then reflective of the applied 20% uplift in construction traffic.

**Table 9 2019 Two-Way Traffic Flows (with 20% construction traffic uplift) and Percentage Increase (Saturday Average 07:00-19:00) – Summer**

Site	Road Link	Base 2019			Base 2019 + Construction Traffic (20% Uplift)			Percentage Increase		
		Car & LGV	HGV	Total	Car & LGV	HGV	Total	Car & LGV	HGV	Total
57	A17 (Swineshead)	10,095	486	10,581	10,106	519	10,625	0.1%	6.8%	0.4%
60	A52 (Bicker)	5,929	124	6,053	5,994	224	6,218	1.1%	80.2%	2.7%

**Table 9 2019 Two-Way Traffic Flows (with 20% construction traffic uplift) and Percentage Increase (Saturday Average 07:00-19:00) – Summer**

Site	Road Link	Base 2019			Base 2019 + Construction Traffic (20% Uplift)			Percentage Increase		
		Car & LGV	HGV	Total	Car & LGV	HGV	Total	Car & LGV	HGV	Total
63	A52 (Swaton)	4,927	134	5,062	4,955	167	5,123	<b>0.6%</b>	<b>24.7%</b>	<b>1.2%</b>
64	A15 (Swarby)	3,380	59	3,439	3,392	70	3,462	<b>0.3%</b>	<b>18.7%</b>	<b>0.6%</b>
55	A17 (Kirkby la Thorpe)	15,941	973	16,915	15,952	1,006	16,959	<b>0.1%</b>	<b>3.4%</b>	<b>0.3%</b>
56	A17 (Swineshead Bridge)	14,664	583	15,247	14,675	616	15,291	<b>0.1%</b>	<b>5.7%</b>	<b>0.3%</b>
58	A1121 (Hubbert's Bridge)	5,206	113	5,319	5,206	113	5,319	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
59	A17 (Wigtoft)	13,977	725	14,703	14,014	747	14,761	<b>0.3%</b>	<b>3.0%</b>	<b>0.4%</b>
61	A16 (Kirton)	14,963	255	15,218	14,963	255	15,218	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
62	A16 (Algarkirk)	14,935	293	15,228	14,935	293	15,228	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
25	A16 (Hillyke)	6,841	81	6,923	6,845	103	6,948	<b>0.1%</b>	<b>26.9%</b>	<b>0.4%</b>
24	A52 (Haltoft End)	9,187	149	9,337	9,190	149	9,339	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
65	A15 (Folkingham)	2,755	46	2,801	2,757	57	2,814	<b>0.1%</b>	<b>24.1%</b>	<b>0.5%</b>
68	A52 (Dembleby)	5,490	129	5,619	5,504	140	5,645	<b>0.3%</b>	<b>8.5%</b>	<b>0.5%</b>
81	A17 (Holbeach Clough)	15,105	494	15,600	15,114	516	15,630	<b>0.1%</b>	<b>4.4%</b>	<b>0.2%</b>
80	A17 (Long Sutton)	17,189	512	17,701	17,198	533	17,732	<b>0.1%</b>	<b>4.3%</b>	<b>0.2%</b>
99	B1192 (Langrick)	6,359	116	6,475	6,360	116	6,476	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>

As indicated in the above table, only one of the sites would experience an increase in HGVs greater than 30%. This is primarily due to the fact that the base HGV traffic is relatively low on Saturdays compared with the expected additional numbers and also reflects the applied 20% uplift in construction traffic.

**Table 10 2019 Two-Way Traffic Flows (with 20% construction traffic uplift) and Percentage Increase (Weekday Average 07:00-19:00) – Winter**

Site	Road Link	Base 2019			Base 2019 + Construction Traffic (20% Uplift)			Percentage Increase		
		Car & LGV	HGV	Total	Car & LGV	HGV	Total	Car & LGV	HGV	Total
57	A17 (Swineshead)	7,829	1,351	9,180	7,840	1,384	9,224	<b>0.1%</b>	<b>2.5%</b>	<b>0.5%</b>
60	A52 (Bicker)	5,600	331	5,930	5,665	430	6,095	<b>1.2%</b>	<b>30.1%</b>	<b>2.8%</b>
63	A52 (Swaton)	4,330	232	4,563	4,358	266	4,624	<b>0.7%</b>	<b>14.3%</b>	<b>1.3%</b>
64	A15 (Swarby)	4,130	242	4,372	4,141	253	4,394	<b>0.3%</b>	<b>4.5%</b>	<b>0.5%</b>
55	A17 (Kirkby la Thorpe)	13,935	2,661	16,596	13,947	2,694	16,640	<b>0.1%</b>	<b>1.2%</b>	<b>0.3%</b>

**Table 10 2019 Two-Way Traffic Flows (with 20% construction traffic uplift) and Percentage Increase (Weekday Average 07:00-19:00) – Winter**

Site	Road Link	Base 2019			Base 2019 + Construction Traffic (20% Uplift)			Percentage Increase		
		Car & LGV	HGV	Total	Car & LGV	HGV	Total	Car & LGV	HGV	Total
56	A17 (Swineshead Bridge)	13,904	1,451	15,355	13,915	1,484	15,399	0.1%	2.3%	0.3%
58	A1121 (Hubbert's Bridge)	6,671	336	7,007	6,671	336	7,007	0.0%	0.0%	0.0%
59	A17 (Wigtoft)	11,232	1,788	13,020	11,268	1,810	13,078	0.3%	1.2%	0.4%
61	A16 (Kirton)	13,547	831	14,379	13,547	831	14,379	0.0%	0.0%	0.0%
62	A16 (Algarkirk)	13,445	875	14,320	13,445	875	14,320	0.0%	0.0%	0.0%
25	A16 (Hillydyke)	7,396	339	7,735	7,400	361	7,761	0.0%	6.5%	0.3%
24	A52 (Haltoft End)	7,187	366	7,553	7,189	366	7,555	0.0%	0.0%	0.0%
65	A15 (Folkingham)	3,425	178	3,602	3,427	189	3,616	0.1%	6.2%	0.4%
68	A52 (Dembleby)	4,601	360	4,961	4,616	371	4,987	0.3%	3.1%	0.5%
81	A17 (Holbeach Clough)	9,831	1,265	11,096	9,840	1,287	11,127	0.1%	1.7%	0.3%
80	A17 (Long Sutton)	11,226	1,446	12,672	11,235	1,468	12,703	0.1%	1.5%	0.2%
99	B1192 (Langrick)	6,243	342	6,585	6,244	342	6,586	0.0%	0.0%	0.0%

As indicated in the above table, only one of the sites would experience an increase in HGVs slightly above 30%. This is then reflective of the applied 20% uplift in construction traffic.

**Table 11 2019 Two-Way Traffic Flows (with 20% construction traffic uplift) and Percentage Increase (Saturday Average 07:00-19:00) – Winter**

Site	Road Link	Base 2019			Base 2019 + Construction Traffic (20% Uplift)			Percentage Increase		
		Car & LGV	HGV	Total	Car & LGV	HGV	Total	Car & LGV	HGV	Total
57	A17 (Swineshead)	5,032	522	5,554	5,043	555	5,598	0.2%	6.4%	0.8%
60	A52 (Bicker)	4,166	90	4,256	4,232	190	4,421	1.6%	110.6%	3.9%
63	A52 (Swaton)	2,593	62	2,654	2,621	95	2,716	1.1%	53.8%	2.3%
64	A15 (Swarby)	2,940	57	2,996	2,951	68	3,018	0.4%	19.4%	0.7%
55	A17 (Kirkby la Thorpe)	10,945	828	11,774	10,956	861	11,818	0.1%	4.0%	0.4%
56	A17 (Swineshead Bridge)	9,159	566	9,725	9,170	599	9,769	0.1%	5.9%	0.5%

**Table 11 2019 Two-Way Traffic Flows (with 20% construction traffic uplift) and Percentage Increase (Saturday Average 07:00-19:00) – Winter**

Site	Road Link	Base 2019			Base 2019 + Construction Traffic (20% Uplift)			Percentage Increase		
		Car & LGV	HGV	Total	Car & LGV	HGV	Total	Car & LGV	HGV	Total
58	A1121 (Hubbert's Bridge)	4,642	90	4,732	4,642	90	4,732	0.0%	0.0%	0.0%
59	A17 (Wigtoft)	7,816	761	8,577	7,852	783	8,635	0.5%	2.9%	0.7%
61	A16 (Kirton)	10,563	250	10,813	10,563	250	10,813	0.0%	0.0%	0.0%
62	A16 (Algarkirk)	10,238	262	10,499	10,238	262	10,499	0.0%	0.0%	0.0%
25	A16 (Hilldyke)	5,747	97	5,844	5,750	119	5,869	0.1%	22.6%	0.4%
24	A52 (Haltoft End)	5,728	156	5,883	5,730	156	5,886	0.0%	0.0%	0.0%
65	A15 (Folkingham)	2,494	42	2,536	2,496	53	2,550	0.1%	25.9%	0.5%
68	A52 (Dembleby)	3,128	86	3,214	3,142	97	3,239	0.5%	12.8%	0.8%
81	A17 (Holbeach Clough)	6,727	303	7,030	6,736	325	7,061	0.1%	7.2%	0.4%
80	A17 (Long Sutton)	7,833	343	8,176	7,842	365	8,207	0.1%	6.4%	0.4%
99	B1192 (Langrick)	4,721	77	4,798	4,723	77	4,799	0.0%	0.0%	0.0%

As indicated in the above table, two of the sites would experience an increase in HGVs greater than 30%. This is primarily due to the fact that the base HGV traffic is relatively low on Saturdays compared with the expected additional numbers and also reflects the applied 20% uplift in construction traffic.

### 2022 Base Traffic Flows and Percentage Traffic Increase (with 20% construction traffic uplift)

The following tables show the 2022 Base traffic flows (summer/winter, weekday/Saturday) with and without construction traffic, plus the percentage increase in traffic. The construction traffic has been uplifted by 20%, as described previously.

**Table 12 2022 Two-Way Traffic Flows (with 20% construction traffic uplift) and Percentage Increase (Weekday Average 07:00-19:00) – Summer**

Site	Road Link	Base 2022			Base 2022 + Construction Traffic (20% Uplift)			Percentage Increase		
		Car & LGV	HGV	Total	Car & LGV	HGV	Total	Car & LGV	HGV	Total
57	A17 (Swineshead)	10,343	1,286	11,629	10,354	1,319	11,673	0.1%	2.6%	0.4%
60	A52 (Bicker)	6,064	321	6,385	6,130	420	6,550	1.1%	31.0%	2.6%
63	A52 (Swaton)	4,792	330	5,122	4,820	363	5,183	0.6%	10.0%	1.2%



**Table 12 2022 Two-Way Traffic Flows (with 20% construction traffic uplift) and Percentage Increase (Weekday Average 07:00-19:00) – Summer**

Site	Road Link	Base 2022			Base 2022 + Construction Traffic (20% Uplift)			Percentage Increase		
		Car & LGV	HGV	Total	Car & LGV	HGV	Total	Car & LGV	HGV	Total
64	A15 (Swarby)	4,284	264	4,548	4,295	275	4,570	0.3%	4.2%	0.5%
55	A17 (Kirkby la Thorpe)	16,507	2,813	19,321	16,518	2,846	19,365	0.1%	1.2%	0.2%
56	A17 (Swineshead Bridge)	15,753	1,585	17,338	15,764	1,618	17,382	0.1%	2.1%	0.3%
58	A1121 (Hubbert's Bridge)	6,522	410	6,932	6,522	410	6,932	0.0%	0.0%	0.0%
59	A17 (Wigtoft)	14,440	1,653	16,093	14,476	1,675	16,151	0.3%	1.3%	0.4%
61	A16 (Kirton)	14,658	795	15,453	14,658	795	15,453	0.0%	0.0%	0.0%
62	A16 (Algarkirk)	15,147	824	15,972	15,147	824	15,972	0.0%	0.0%	0.0%
25	A16 (Hilldyke)	7,753	315	8,068	7,756	337	8,093	0.0%	6.9%	0.3%
24	A52 (Haltoft End)	8,426	322	8,478	8,428	322	8,750	0.0%	0.0%	0.0%
65	A15 (Folkingham)	3,646	200	3,845	3,648	211	3,859	0.1%	5.5%	0.3%
68	A52 (Dembleby)	5,593	346	5,939	5,608	357	5,965	0.3%	3.2%	0.4%
81	A17 (Holbeach Clough)	14,191	1,389	15,581	14,200	1,411	15,612	0.1%	1.6%	0.2%
80	A17 (Long Sutton)	16,119	1,544	17,663	16,128	1,566	17,694	0.1%	1.4%	0.2%
99	B1192 (Langrick)	7,130	390	7,520	7,131	390	7,521	0.0%	0.0%	0.0%

As indicated in the above table, only one of the sites would experience an increase in HGVs slightly greater than 30%. This is then reflective of the applied 20% uplift in construction traffic.

**Table 13 2022 Two-Way Traffic Flows (with 20% construction traffic uplift) and Percentage Increase (Saturday Average 07:00-19:00) – Summer**

Site	Road Link	Base 2022			Base 2022 + Construction Traffic (20% Uplift)			Percentage Increase		
		Car & LGV	HGV	Total	Car & LGV	HGV	Total	Car & LGV	HGV	Total
57	A17 (Swineshead)	10,273	495	10,768	10,284	528	10,812	0.1%	6.7%	0.4%
60	A52 (Bicker)	6,034	126	6,160	6,099	226	6,325	1.1%	78.8%	2.7%
63	A52 (Swaton)	5,014	137	5,151	5,043	170	5,212	0.6%	24.3%	1.2%
64	A15 (Swarby)	3,440	60	3,500	3,451	71	3,522	0.3%	18.3%	0.6%



**Table 13 2022 Two-Way Traffic Flows (with 20% construction traffic uplift) and Percentage Increase (Saturday Average 07:00-19:00) – Summer**

Site	Road Link	Base 2022			Base 2022 + Construction Traffic (20% Uplift)			Percentage Increase		
		Car & LGV	HGV	Total	Car & LGV	HGV	Total	Car & LGV	HGV	Total
55	A17 (Kirkby la Thorpe)	16,223	990	17,214	16,234	1,024	17,258	0.1%	3.3%	0.3%
56	A17 (Swineshead Bridge)	14,923	593	15,516	14,934	626	15,561	0.1%	5.6%	0.3%
58	A1121 (Hubbert's Bridge)	5,298	115	5,413	5,298	115	5,413	0.0%	0.0%	0.0%
59	A17 (Wigtoft)	14,225	738	14,963	14,261	760	15,021	0.3%	3.0%	0.4%
61	A16 (Kirtton)	15,228	260	15,487	15,228	260	15,487	0.0%	0.0%	0.0%
62	A16 (Algarkirk)	15,200	298	15,498	15,200	298	15,498	0.0%	0.0%	0.0%
25	A16 (Hilldyke)	6,962	83	7,045	6,966	105	7,070	0.1%	26.4%	0.4%
24	A52 (Haltoft End)	9,350	152	9,502	9,352	152	9,504	0.0%	0.0%	0.0%
65	A15 (Folkingham)	2,804	47	2,850	2,806	58	2,864	0.1%	23.6%	0.5%
68	A52 (Dembleby)	5,587	131	5,718	5,601	142	5,744	0.3%	8.4%	0.4%
81	A17 (Holbeach Clough)	15,372	503	15,875	15,381	525	15,906	0.1%	4.4%	0.2%
80	A17 (Long Sutton)	17,493	521	18,014	17,502	542	18,045	0.1%	4.2%	0.2%
99	B1192 (Langrick)	6,472	118	6,590	6,473	118	6,591	0.0%	0.0%	0.0%

As indicated in the above table, only one of the sites would experience an increase in HGVs greater than 30%. This is primarily due to the fact that the base HGV traffic is relatively low on Saturdays compared with the expected additional numbers and also reflects the applied 20% uplift in construction traffic.

**Table 14 2022 Two-Way Traffic Flows (with 20% construction traffic uplift) and Percentage Increase (Weekday Average 07:00-19:00) – Winter**

Site	Road Link	Base 2022			Base 2022 + Construction Traffic (20% Uplift)			Percentage Increase		
		Car & LGV	HGV	Total	Car & LGV	HGV	Total	Car & LGV	HGV	Total
57	A17 (Swineshead)	7,972	1,376	9,348	7,983	1,409	9,392	0.1%	2.4%	0.5%
60	A52 (Bicker)	5,702	337	6,039	5,768	436	6,204	1.1%	29.6%	2.7%
63	A52 (Swaton)	4,409	237	4,646	4,437	270	4,707	0.6%	14.0%	1.3%
64	A15 (Swarby)	4,206	247	4,452	4,217	258	4,474	0.3%	4.5%	0.5%
55	A17 (Kirkby la Thorpe)	14,190	2,709	16,899	14,201	2,742	16,944	0.1%	1.2%	0.3%

**Table 14 2022 Two-Way Traffic Flows (with 20% construction traffic uplift) and Percentage Increase (Weekday Average 07:00-19:00) – Winter**

Site	Road Link	Base 2022			Base 2022 + Construction Traffic (20% Uplift)			Percentage Increase		
		Car & LGV	HGV	Total	Car & LGV	HGV	Total	Car & LGV	HGV	Total
56	A17 (Swineshead Bridge)	14,158	1,478	15,636	14,169	1,511	15,680	0.1%	2.2%	0.3%
58	A1121 (Hubbert's Bridge)	6,793	342	7,135	6,793	342	7,135	0.0%	0.0%	0.0%
59	A17 (Wigtoft)	11,437	1,821	13,258	11,473	1,843	13,316	0.3%	1.2%	0.4%
61	A16 (Kirton)	13,795	847	14,641	13,795	847	14,641	0.0%	0.0%	0.0%
62	A16 (Algarkirk)	13,691	891	14,582	13,691	891	14,582	0.0%	0.0%	0.0%
25	A16 (Hilldyke)	7,531	346	7,877	7,535	367	7,902	0.0%	6.3%	0.3%
24	A52 (Haltoft End)	7,318	373	7,691	7,321	373	7,693	0.0%	0.0%	0.0%
65	A15 (Folkingham)	3,487	181	3,668	3,490	192	3,682	0.1%	6.1%	0.4%
68	A52 (Dembleby)	4,685	366	5,052	4,700	377	5,077	0.3%	3.0%	0.5%
81	A17 (Holbeach Clough)	10,011	1,288	11,299	10,020	1,310	11,330	0.1%	1.7%	0.3%
80	A17 (Long Sutton)	11,431	1,472	12,904	11,440	1,494	12,935	0.1%	1.5%	0.2%
99	B1192 (Langrick)	6,357	348	6,705	6,358	348	6,706	0.0%	0.0%	0.0%

As indicated in the above table, none of the sites would experience an increase in HGVs greater than 30%.

**Table 15 2022 Two-Way Traffic Flows (with 20% construction traffic uplift) and Percentage Increase (Saturday Average 07:00-19:00) – Winter**

Site	Road Link	Base 2022			Base 2022 + Construction Traffic (20% Uplift)			Percentage Increase		
		Car & LGV	HGV	Total	Car & LGV	HGV	Total	Car & LGV	HGV	Total
57	A17 (Swineshead)	5,121	531	5,652	5,132	564	5,696	0.2%	6.2%	0.8%
60	A52 (Bicker)	4,240	92	4,331	4,305	191	4,496	1.5%	108.7%	3.8%
63	A52 (Swaton)	2,639	63	2,701	2,667	96	2,763	1.1%	52.8%	2.3%
64	A15 (Swarby)	2,992	58	3,049	3,003	69	3,071	0.4%	19.1%	0.7%
55	A17 (Kirkby la Thorpe)	11,139	843	11,982	11,150	876	12,026	0.1%	3.9%	0.4%
56	A17 (Swineshead Bridge)	9,320	576	9,897	9,332	609	9,941	0.1%	5.8%	0.4%

**Table 15 2022 Two-Way Traffic Flows (with 20% construction traffic uplift) and Percentage Increase (Saturday Average 07:00-19:00) – Winter**

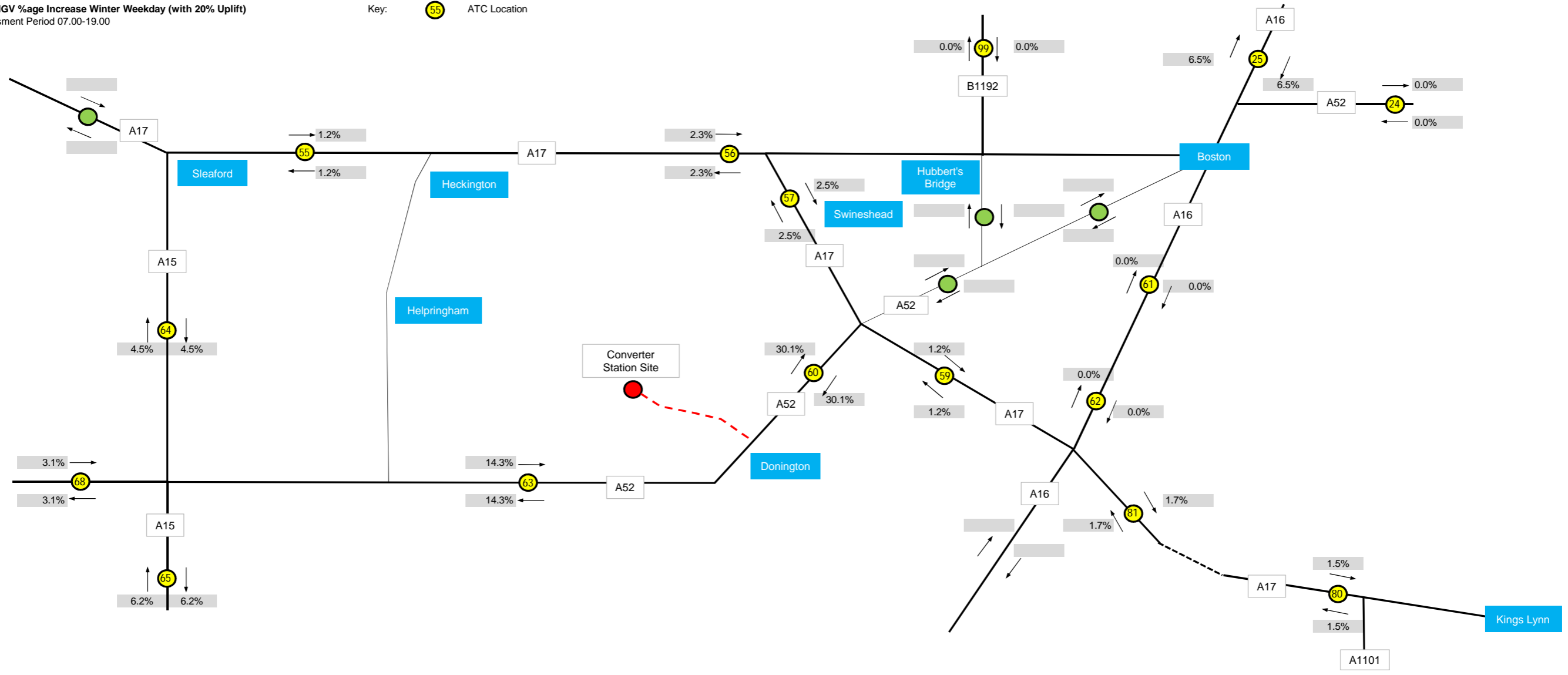
Site	Road Link	Base 2022			Base 2022 + Construction Traffic (20% Uplift)			Percentage Increase		
		Car & LGV	HGV	Total	Car & LGV	HGV	Total	Car & LGV	HGV	Total
58	A1121 (Hubbert's Bridge)	4,725	92	4,816	4,725	92	4,816	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
59	A17 (Wigtoft)	7,954	775	8,729	7,990	797	8,787	<b>0.5%</b>	<b>2.8%</b>	<b>0.7%</b>
61	A16 (Kirton)	10,750	254	11,004	10,750	254	11,004	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
62	A16 (Algarkirk)	10,418	267	10,685	10,418	267	10,685	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
25	A16 (Hilldyke)	5,848	99	5,947	5,852	121	5,972	<b>0.1%</b>	<b>22.2%</b>	<b>0.4%</b>
24	A52 (Haltoft End)	5,829	158	5,987	5,831	158	5,990	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
65	A15 (Folkingham)	2,538	43	2,581	2,540	54	2,594	<b>0.1%</b>	<b>25.5%</b>	<b>0.5%</b>
68	A52 (Dembleby)	3,183	87	3,270	3,198	98	3,296	<b>0.5%</b>	<b>12.6%</b>	<b>0.8%</b>
81	A17 (Holbeach Clough)	6,845	309	7,154	6,854	331	7,185	<b>0.1%</b>	<b>7.1%</b>	<b>0.4%</b>
80	A17 (Long Sutton)	7,971	349	8,320	7,980	371	8,351	<b>0.1%</b>	<b>6.3%</b>	<b>0.4%</b>
99	B1192 (Langrick)	4,805	78	4,883	4,806	78	4,884	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>

As indicated in the above table, two of the sites would experience an increase in HGVs greater than 30%. This is primarily due to the fact that the base HGV traffic is relatively low on Saturdays compared with the expected additional numbers and also reflects the applied 20% uplift in construction traffic.

## Appendix 25.5 All Assessment Scenarios Traffic Flow Diagrams (% Increases)

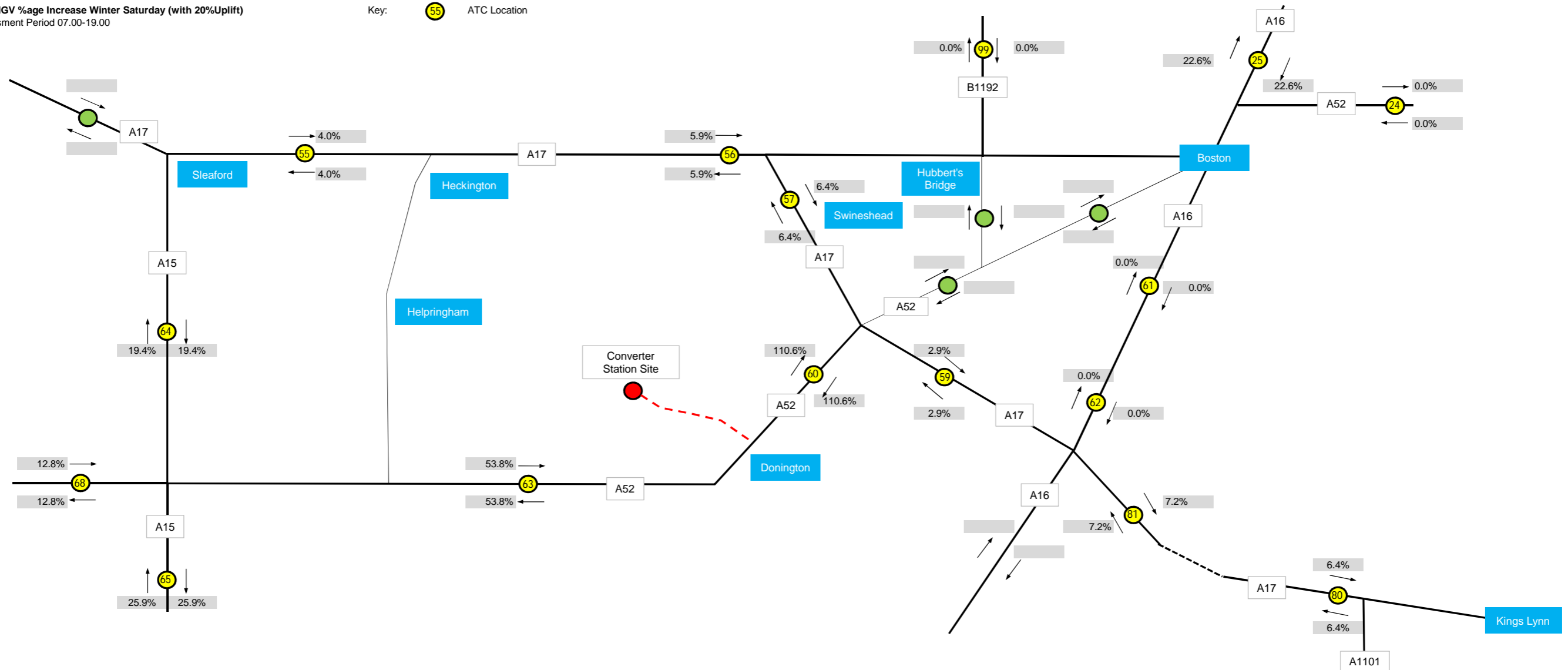
2019 HGV %age Increase Winter Weekday (with 20% Uplift)  
Assessment Period 07.00-19.00

Key:  ATC Location



2019 HGV %age Increase Winter Saturday (with 20%Uplift)  
Assessment Period 07.00-19.00

Key:  ATC Location



## Appendix 25.6 Photographs

**Typical section of the A52 near Donington**



**Typical section of the A17, near Swineshead**





Typical section of the A17, near Heckington







## CONTACT US

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