
EAST YORKSHIRE SOLAR FARM

**East Yorkshire Solar Farm
EN010143**

Environmental Statement

**Volume 2, Appendix 13-2: Traffic Flow Diagrams
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Regulation 5(2)(a)
Infrastructure Planning (Applications: Prescribed Forms and Procedure)
Regulations 2009

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Table of Contents

1.	Traffic Flow Diagrams	1
1.1	Purpose of Appendix	1
1.2	24 Hour Profile Traffic Flow Diagrams	1
1.3	Network Peak Hour Profile (08:00-09:00 and 17:00-18:00).....	2
1.4	Construction Peak Hour Profile (06:00-07:00 and 19:00-20:00)	3

1. Traffic Flow Diagrams

1.1 Purpose of Appendix

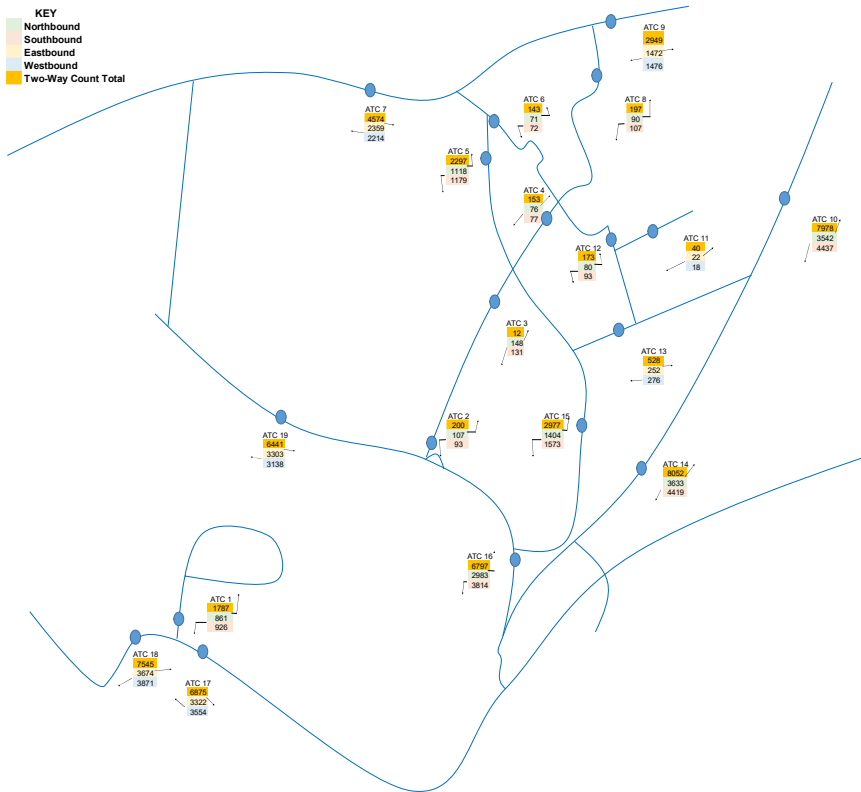
1.1.1 This Environmental Statement (ES) appendix shows the traffic flow diagrams produced to support assessment of the transport and access impacts as detailed in **Chapter 13: Transport and Access, ES Volume 1 [EN010143/APP/6.1]**.

1.2 24 Hour Profile Traffic Flow Diagrams

1.2.1 The following diagrams show the 24 hour profile traffic flows.

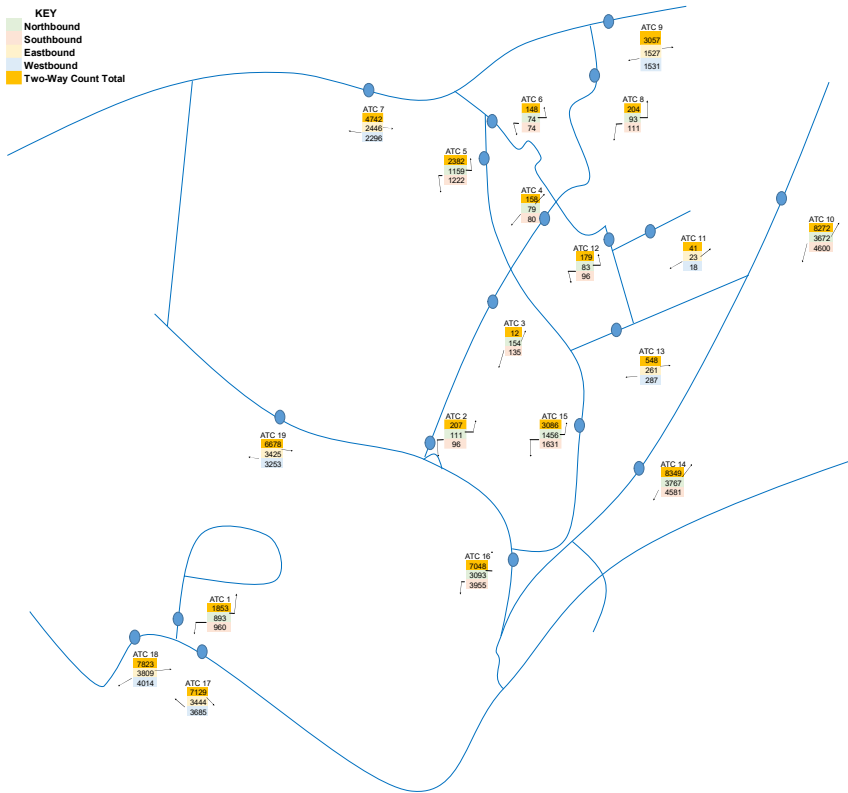
Base 2022 All Traffic (24 Hours)

- KEY
- Northbound
 - Southbound
 - Eastbound
 - Westbound
 - Two-Way Count Total



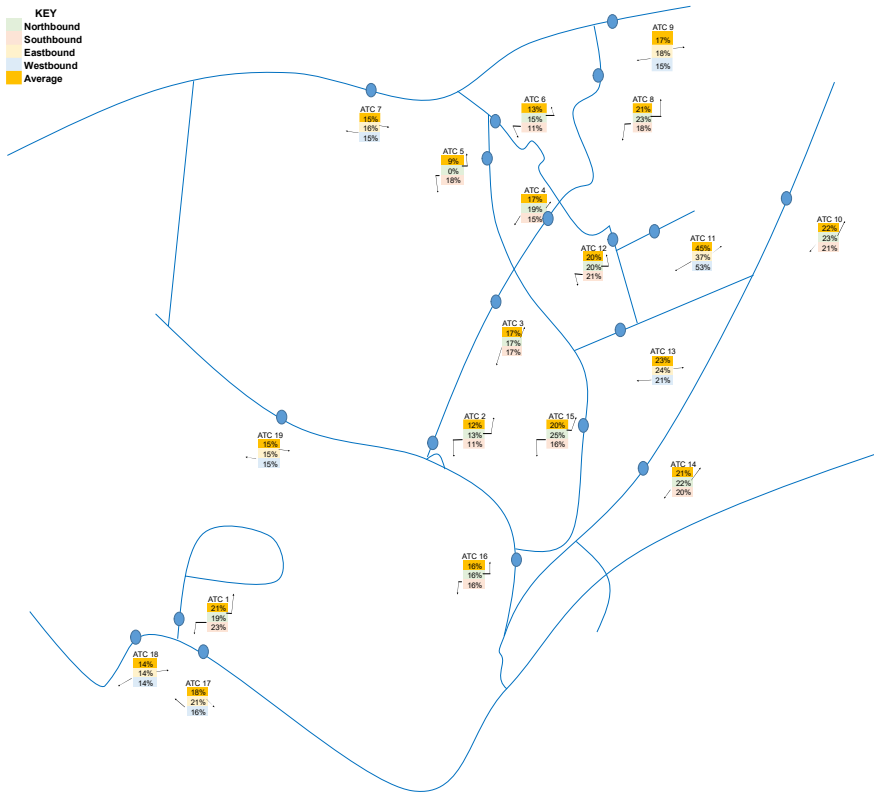
Base 2025 All Traffic (24 Hours)

- KEY
- Northbound
 - Southbound
 - Eastbound
 - Westbound
 - Two-Way Count Total



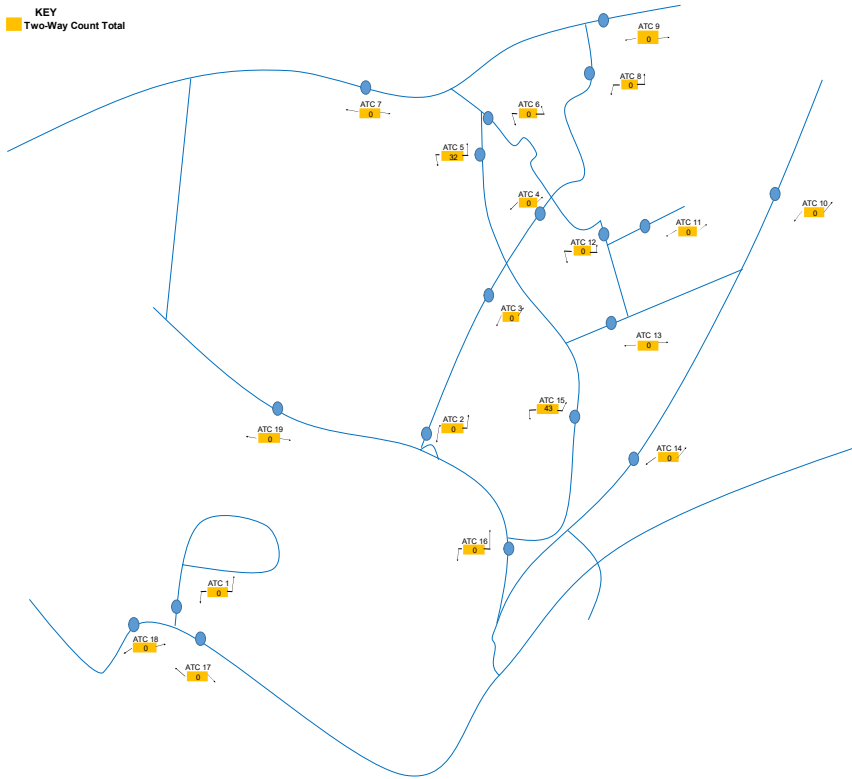
Baseline HGV Percentage (24 Hours)

- KEY
- Northbound
 - Southbound
 - Eastbound
 - Westbound
 - Average



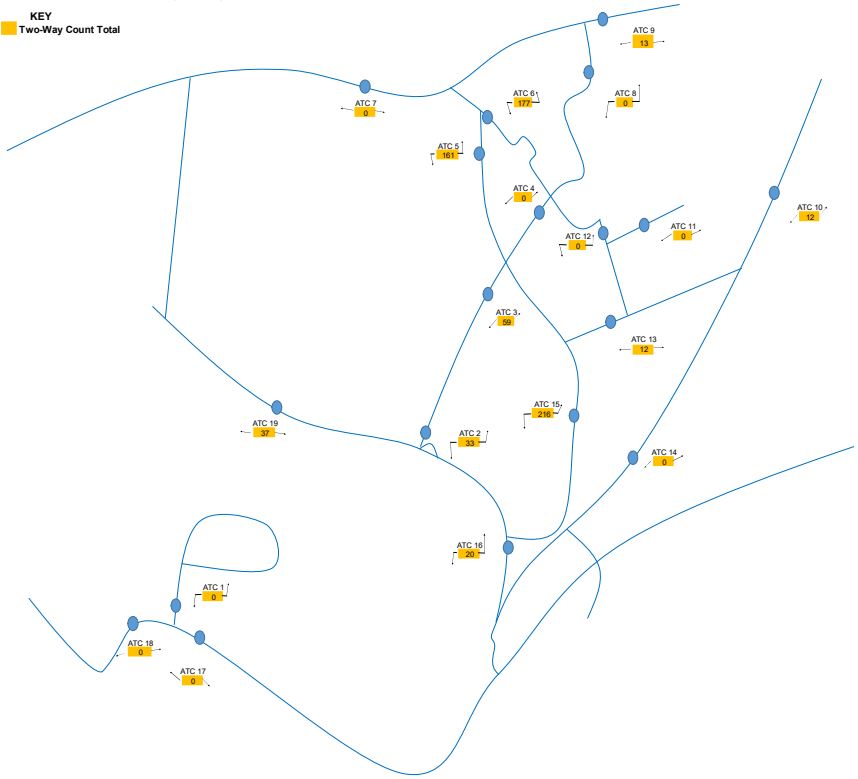
2025 Cumulative Development Traffic (24 Hours)

KEY
Two-Way Count Total



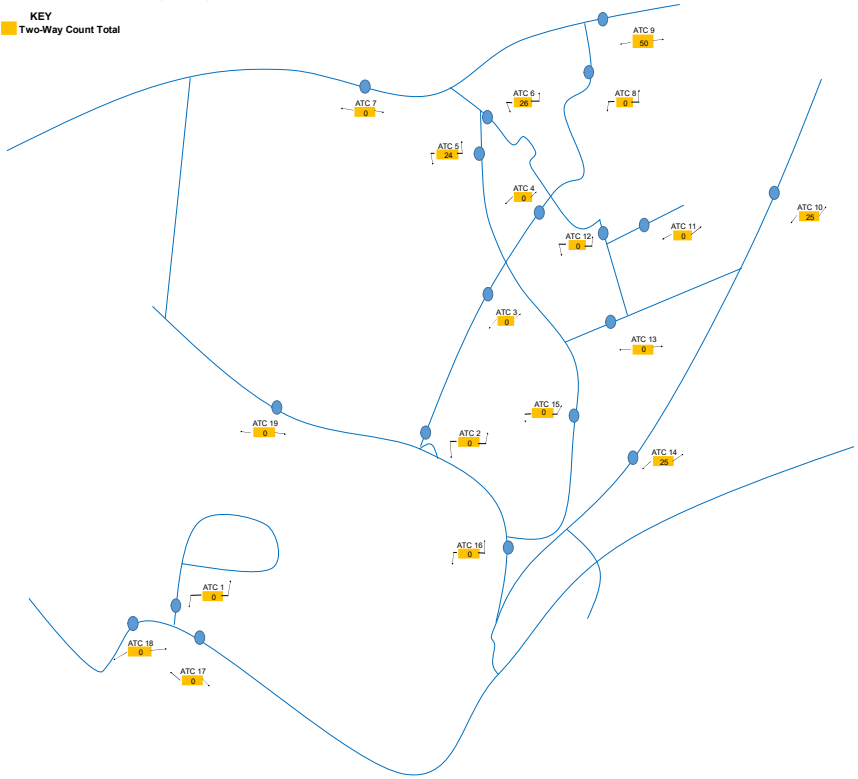
2025 Construction Worker Traffic (24 Hours)

KEY
Two-Way Count Total



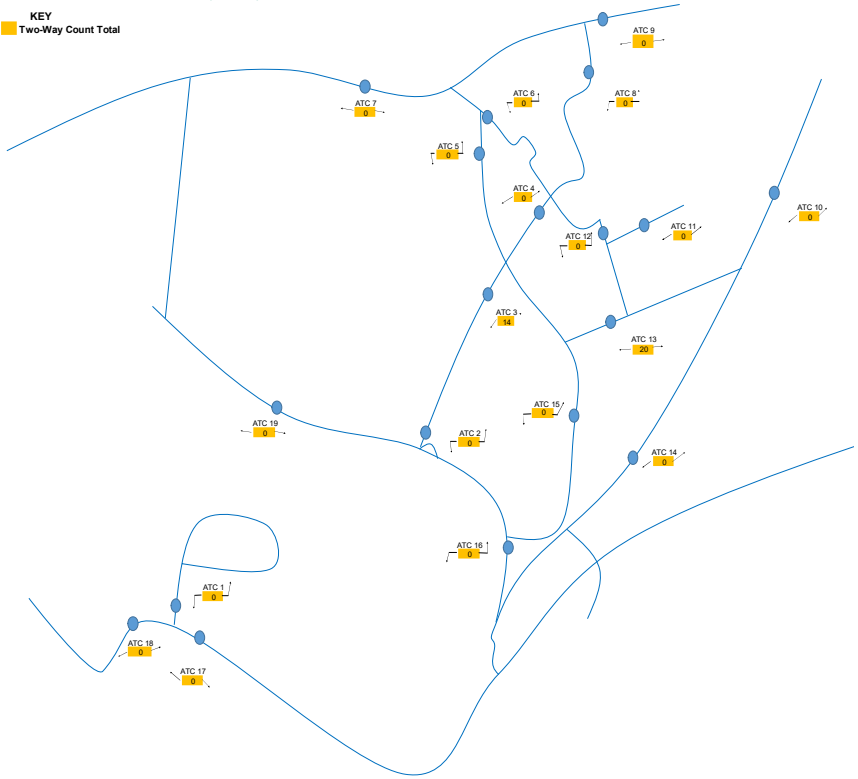
2025 Construction HGV Traffic (24 Hours)

KEY
Two-Way Count Total



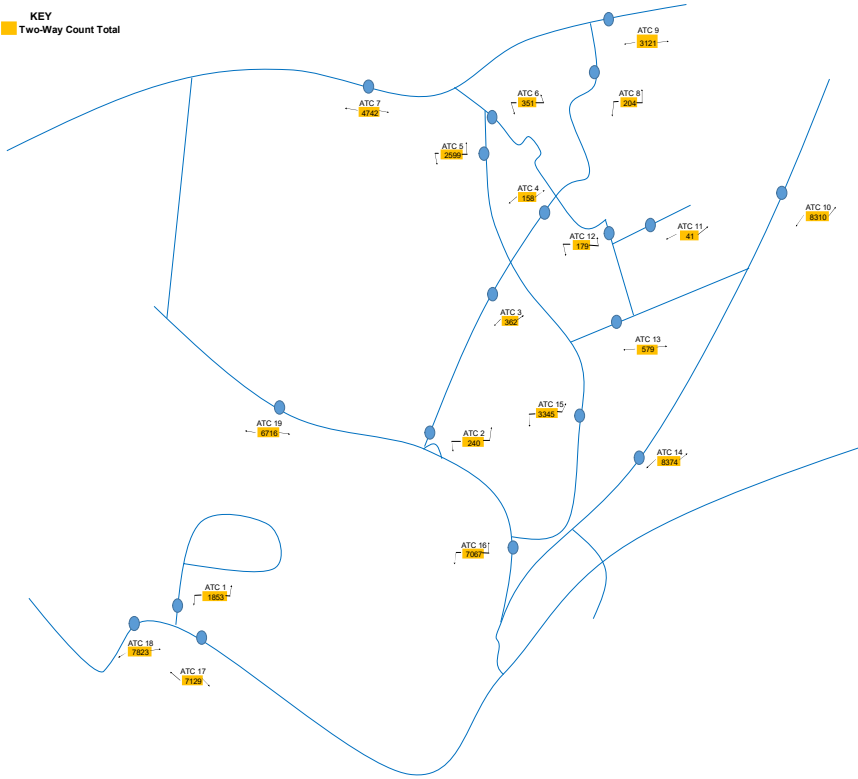
2025 Construction Tractor-Trailer Traffic (24 Hours)

KEY
Two-Way Count Total



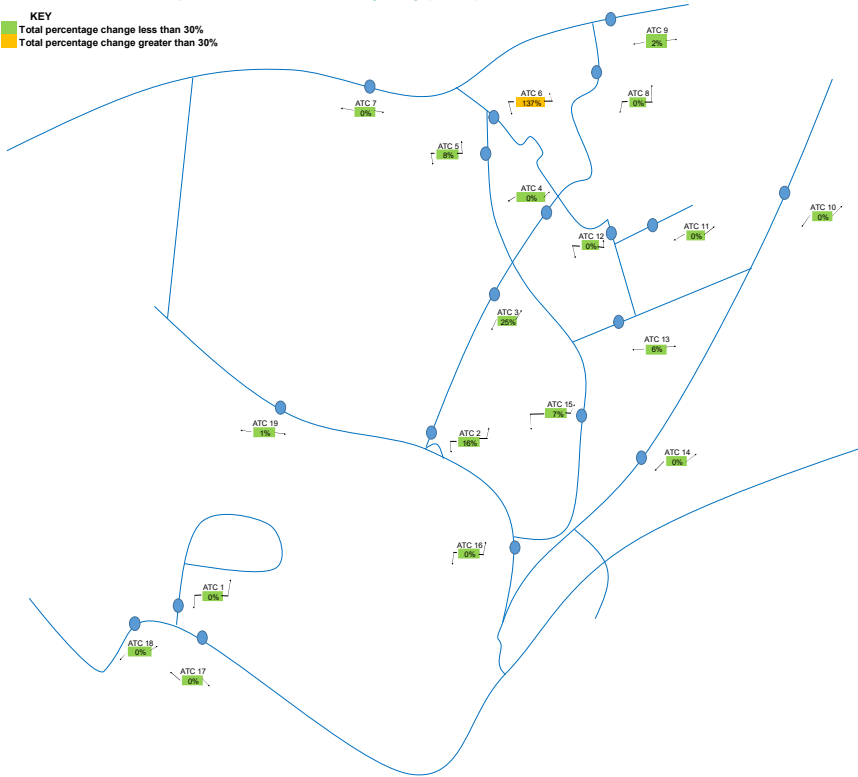
2025 Baseline + Cumulative Development + All Construction Traffic (24 Hours)

KEY
Two-Way Count Total



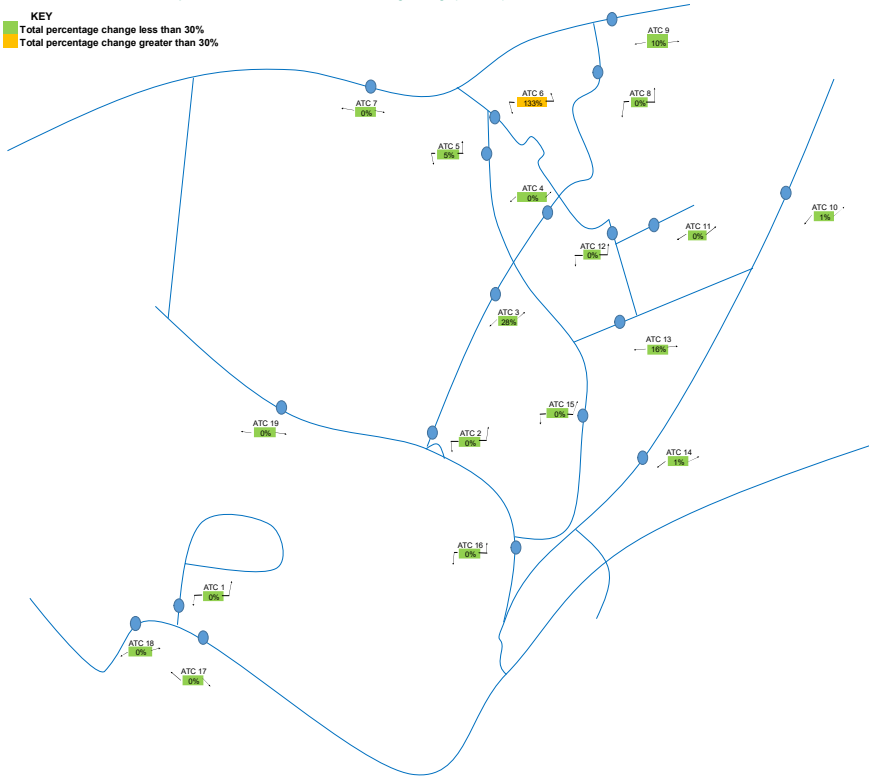
2025 Baseline + Cumulative Development + Construction Traffic Percentage Change (24 Hours)

- KEY
- Total percentage change less than 30%
 - Total percentage change greater than 30%



2025 Baseline + Cumulative Development + Construction Traffic HGV Percentage Change (24 Hours)

- KEY
- Total percentage change less than 30%
 - Total percentage change greater than 30%

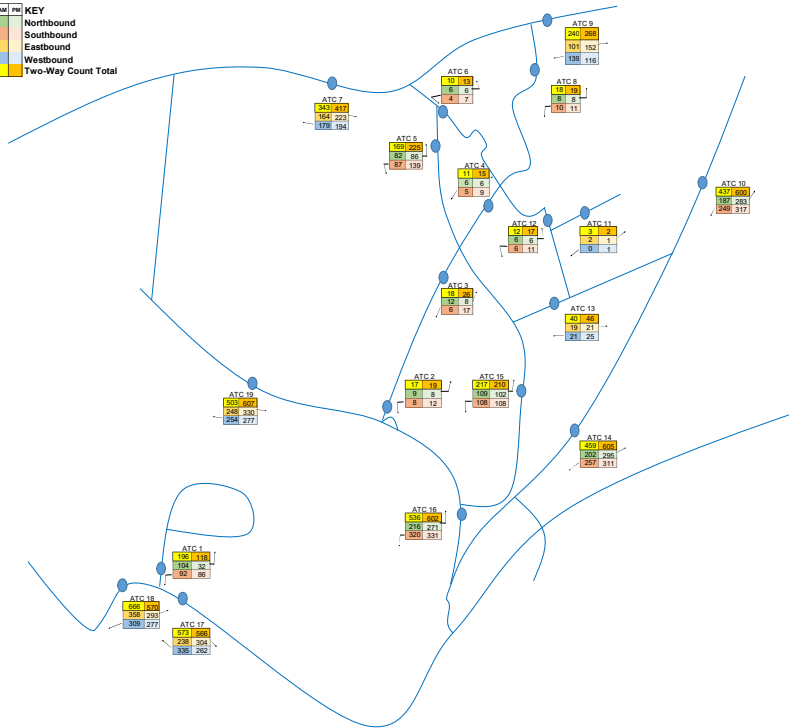


1.3 Network Peak Hour Profile (08:00-09:00 and 17:00-18:00)

- 1.3.1 The following diagrams show the network's peak hour profile at 08:00-09:00 and 17:00-18:00.

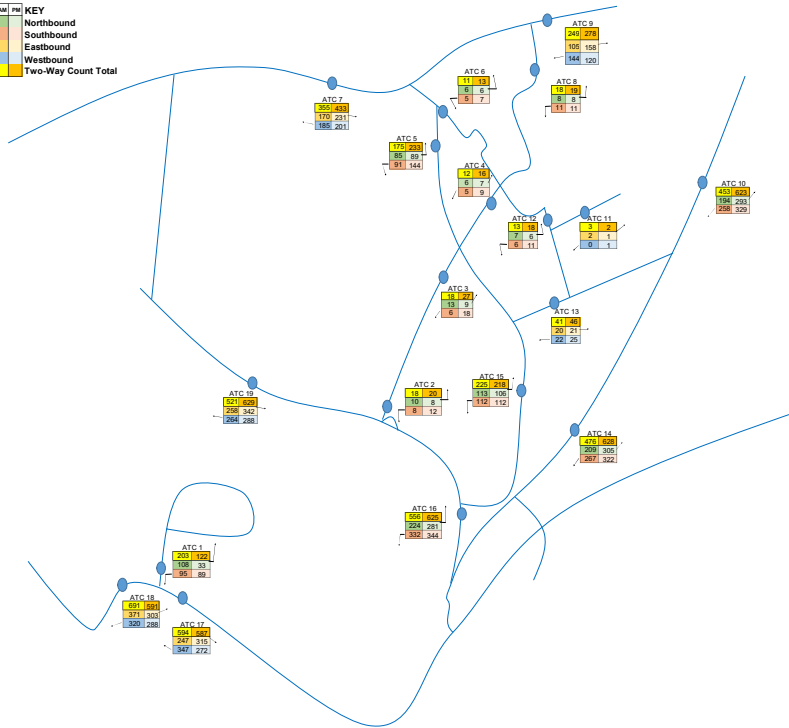
Base 2022 All Traffic (Peak Network Hours: 08:00-09:00 and 17:00-18:00)

AM	PM	KEY
		Northbound
		Southbound
		Eastbound
		Westbound
		Two-Way Count Total



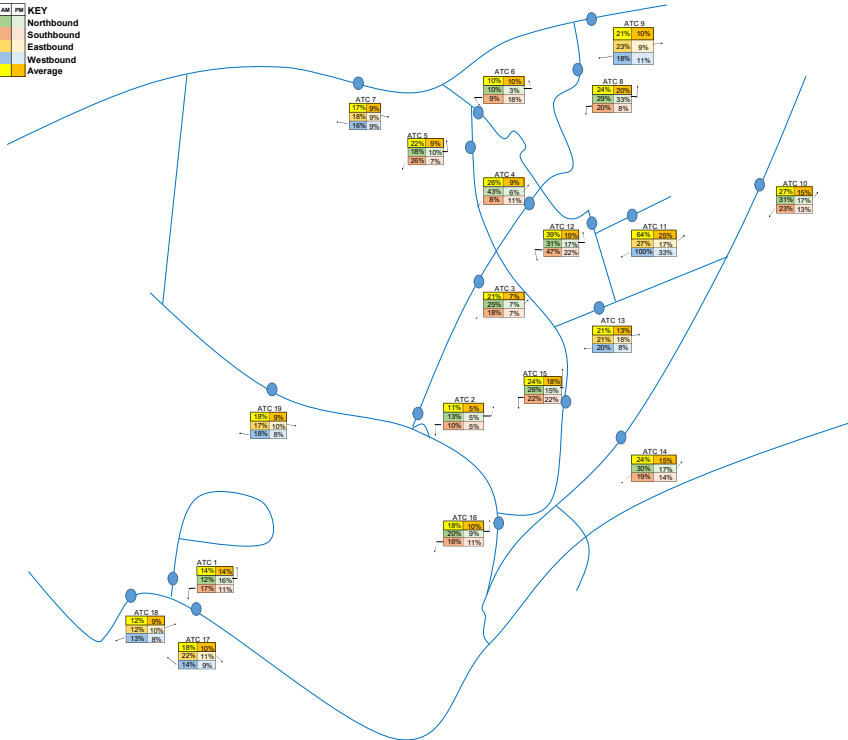
Base 2025 All Traffic (Peak Network Hours: 08:00-09:00 and 17:00-18:00)

AM	PM	KEY
		Northbound
		Southbound
		Eastbound
		Westbound
		Two-Way Count Total



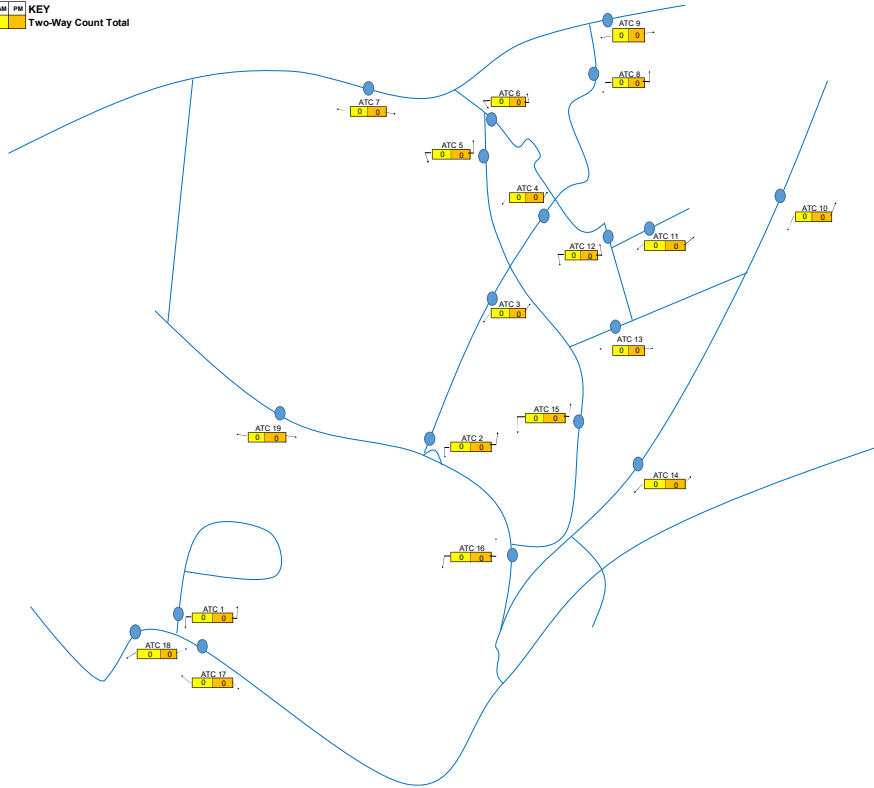
Baseline HGV Percentage (Peak Network Hours: 08:00-09:00 and 17:00-18:00)

AM	PM	KEY
		Northbound
		Southbound
		Eastbound
		Westbound
		Average



2025 All Construction Traffic (Peak Network Hours: 08:00-09:00 and 17:00-18:00)

AM	PM	KEY
0	0	Two-Way Count Total

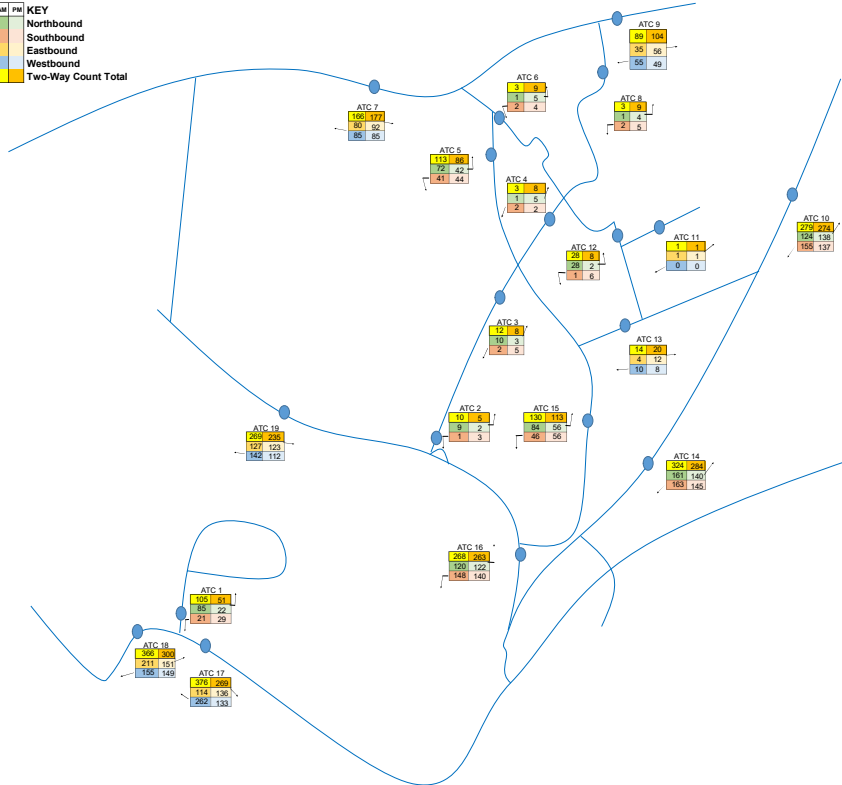


1.4 Construction Peak Hour Profile (06:00-07:00 and 19:00-20:00)

- 1.4.1 The following diagrams show the construction peak hour profile at 06:00-07:00 and 19:00-20:00.

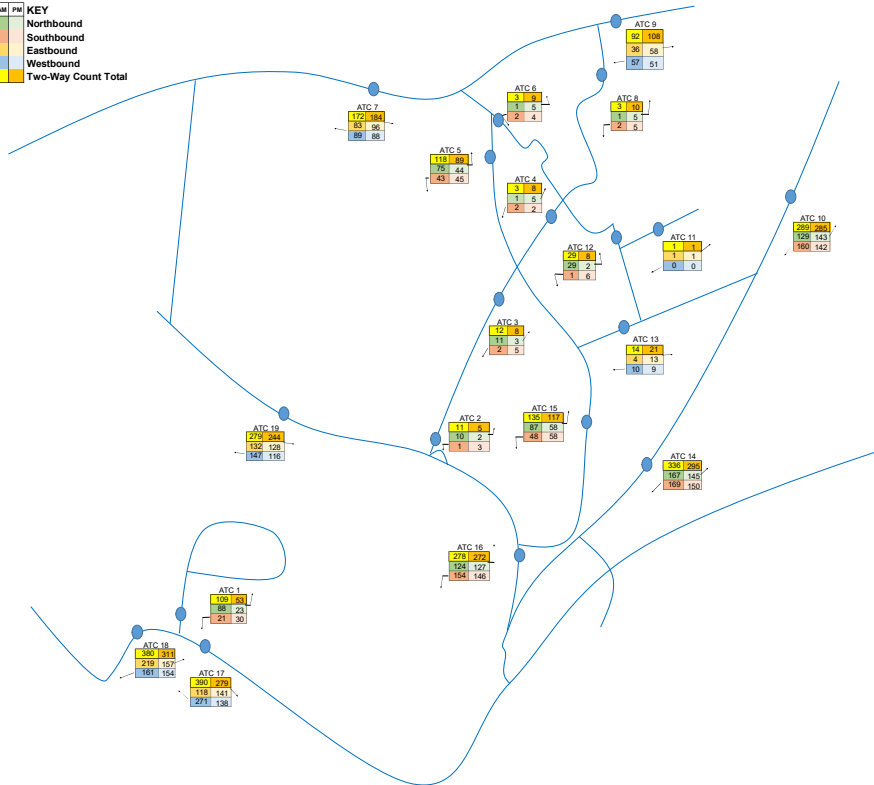
Base 2022 All Traffic (Peak Construction Hours: 06:00-07:00 and 19:00-20:00)

All	PM	KEY
		Northbound
		Southbound
		Eastbound
		Westbound
		Two-Way Count Total



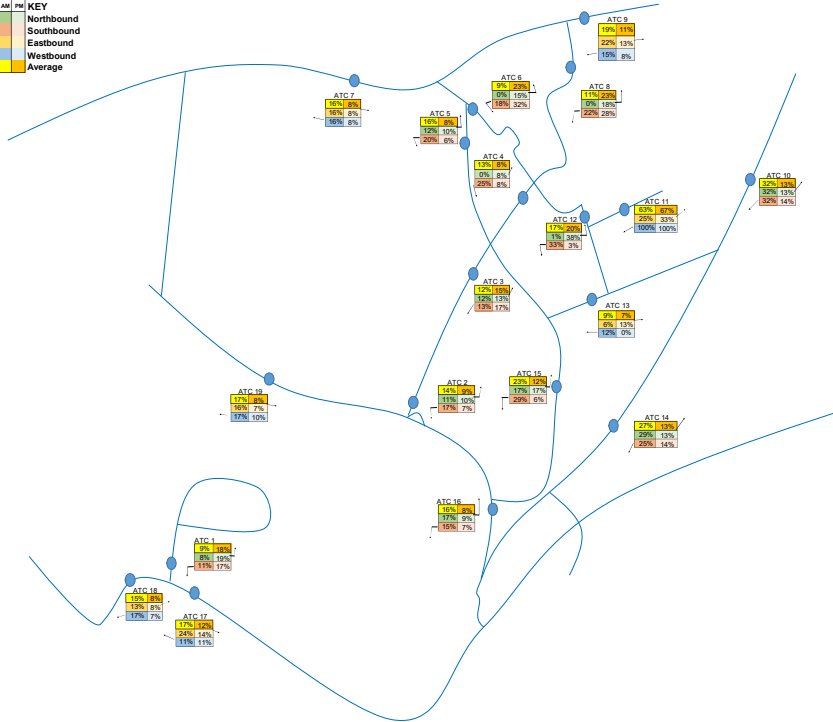
Base 2025 All Traffic (Peak Construction Hours: 06:00-07:00 and 19:00-20:00)

All	PM	KEY
		Northbound
		Southbound
		Eastbound
		Westbound
		Two-Way Count Total



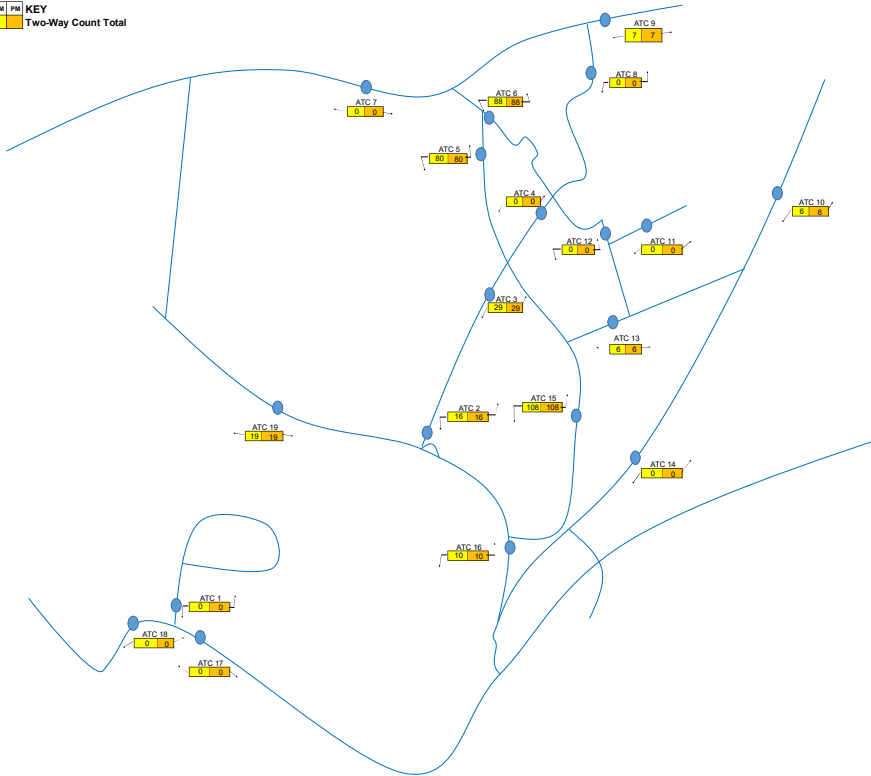
Baseline HGV Percentage (Peak Construction Hours: 06:00-07:00 and 19:00-20:00)

AM	PM	KEY
		Northbound
		Southbound
		Eastbound
		Westbound
		Average



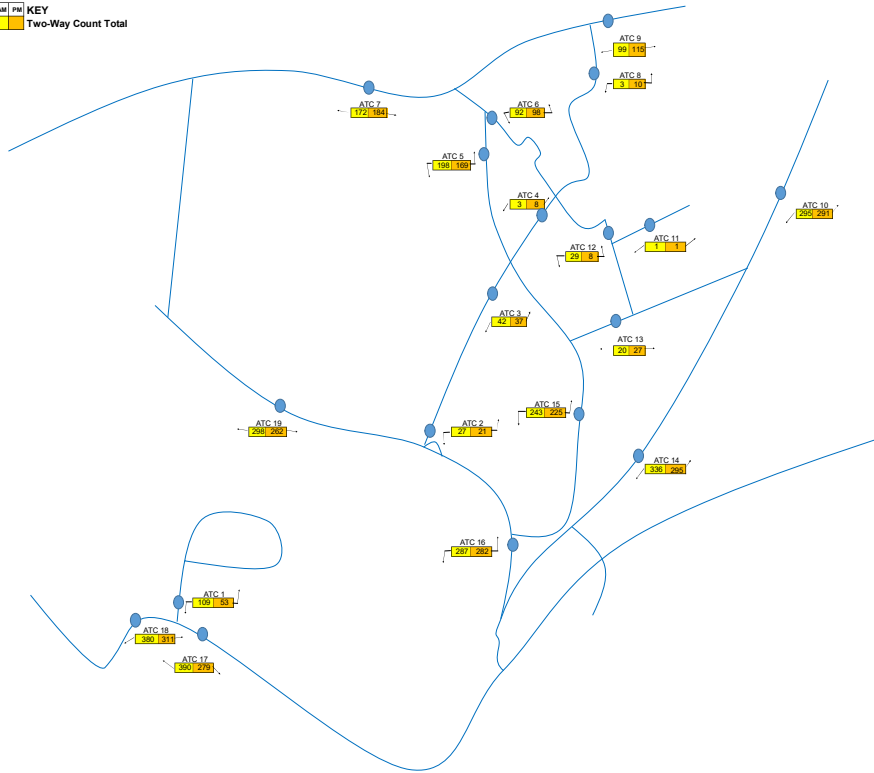
2025 Construction Worker Traffic (Peak Construction Hours: 06:00-07:00 and 19:00-20:00)

AM	PM	KEY
0	0	Two-Way Count Total



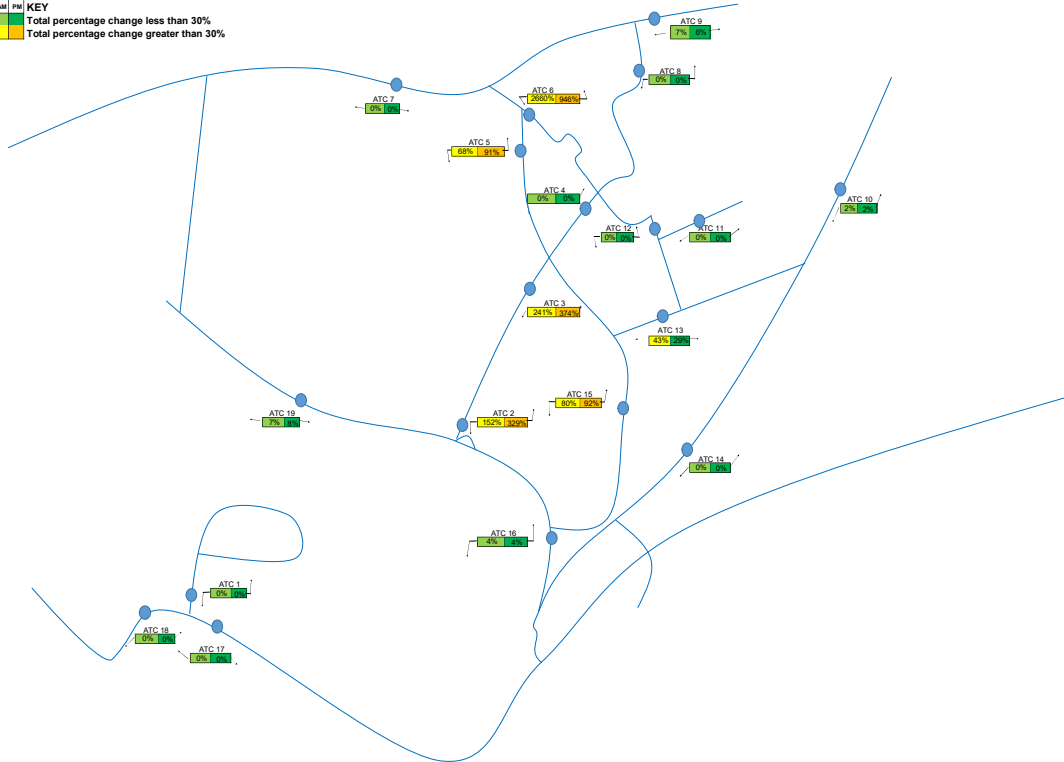
2025 Baseline Traffic + All Construction Traffic (Peak Construction Hours: 06:00-07:00 and 19:00-20:00)

KEY
 Two-Way Count Total



2025 Baseline + Construction Traffic Percentage Change (Peak Construction Hours: 06:00-07:00 and 19:00-20:00)

AM	PM	KEY
		Total percentage change less than 30%
		Total percentage change greater than 30%



2025 Baseline + Construction Traffic HGV Percentage Change (Peak Construction Hours: 06:00-07:00 and 19:00-20:00)

AM	PM	KEY
0%	0%	Total percentage change less than 30%
0%	30%	Total percentage change greater than 30%

