



**HELIOS** RENEWABLE  
ENERGY  
PROJECT

# **Preliminary Environmental Information Report**

**Volume 3: Technical Appendices**

Appendix 11.3: Traffic Flow Data

# Appendix 11.3 – 2026 Traffic Flow Data

## 2104-025: Helios Renewable Energy Project

2022 Base Flows - AAWT 18 Hr												
Link	Base 2022											
	Total Vehicles	HGV	% HGV	Avg Speed	85th% Speed							
A614*	12,283	1,027	8%	60mph	60mph							
A645	7,926	692	9%	50mph	57mph							
A1041	12,795	788	6%	51mph	58mph							
Jowland Winn Lane	50	2	5%	31mph	41mph							
Hardenshaw Lane	91	2	2%	30mph	38mph							
<i>*No ATC data, posted speed based on sign posted speed limit</i>												
Base 2026 plus Development - AAWT 18 Hr												
Link	Base 2026			Development		Base 2026 plus Development			Speeds		% Change (Total Vehicles)	% Change (HGV)
	Total Vehicles	HGV	% HGV	Total Vehicles	HGV	Total Vehicles	HGV	% HGV	Avg Speed	85th% Speed		
A614	12,699	1,062	8%	210	53	12,909	1,115	9%	60mph	60mph	2%	5%
A645	8,194	715	9%	210	53	8,404	768	9%	50mph	57mph	3%	7%
A1041	13,229	815	6%	182	40	13,411	855	6%	51mph	58mph	1%	5%
Jowland Winn Lane	52	2	5%	91	20	143	22	15%	31mph	41mph	175%	782%
Hardenshaw Lane	94	2	2%	46	10	140	12	8%	30mph	38mph	49%	521%