The Great Grid Upgrade

North Humber to High Marnham

NHHM-AEC-CNS-REP-0096

North Humber to High Marnham

Volume 6: Environmental Statement

Document 6.14.A3 Environmental Statement Appendix 14.3 - Future Baseline

Final Issue A

October 2026

Planning Inspectorate Reference: EN020034

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 Regulation 5(2)(a)

nationalgrid

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1. Introduction

1.1.1 This appendix to **Application Document 6.14 Chapter 14 Traffic and Transport** sets out the 2029 future baseline traffic flows for each road link that forms the Primary Access Routes (PARs). The assessment is based on Automatic Traffic Count (ATC) data collected in both 2024 and 2025, with traffic growth applied using Trip End Model Presentation Program (TEMPro) in order to forecast flows to the anticipated 2029 peak year of construction activity (Future Baseline.

1.1.2 TEMPro v8 (Department for Transport, 2023) software is generally recognised as the industry-standard tool for deriving traffic growth factors to apply to observed Base Year flows in order to estimate Future Year traffic conditions. It draws on the National Trip End Model (NTEM) and local planning assumptions to provide a robust and proportionate forecast of traffic demand.

1.1.3 Given the availability of observed ATC data in both 2024 and 2025, a two-stage growth approach has been adopted. First, TEMPro growth factors have been used to adjust the 2024 ATC data to a 2025 baseline to make all the base year data consistent to 2025. Second, TEMPro growth factors have been applied from the 2025 baseline to 2029 to represent background traffic growth to the forecast peak construction year. This approach ensures that the assessment is anchored to the most recent observed traffic conditions while providing a consistent and transparent basis for forecasting.

1.1.4 Average daily TEMPro growth factors have been derived for each of the relevant Local Authority jurisdiction areas forming the study area, with an average value used to determine the overall growth factor applied to the network. These are summarised in Table 1.1.

Table 1.1 – TEMPro growth factors (2024 to 2025 and 2025 to 2029)

Local authority	Average daily growth factor (2024 to 2025)	Average daily growth factor (2025 to 2029)
Bassetlaw	1.0046	1.0430
East Riding of Yorkshire	1.0035	1.0412
North Lincolnshire	1.0043	1.0426
Average	**1.0041**	**1.0423**

1.1.5 The use of TEMPro growth factors to forecast the future baseline traffic flows has made an allowance for developments within the relevant Local Plans and as such will include some developments within the **Application Document 6.21.A1 Appendix 21.1 Long List Nationally Significant Infrastructure Projects (NSIP)**, which support the cumulative effects assessment (CEA) by identifying developments that could interact with the proposed project. It is therefore considered that whilst TEMPro has made a blanket allowance for committed development traffic within the study area, a review of all committed developments has been undertaken to directly include

a committed development that has a known immediate impact on a PAR. This does double count committed development and provides a worst-case assessment but enables committed development traffic to be specifically distributed onto PARs, understanding localised impacts.

1.1.6 The review included the following criteria (based on professional judgement and combination of policy documents), to determine their inclusion within the future baseline scenario:

- Location
  - Is the development located at or within the vicinity of a PAR?
  - Are trips associated with the development likely to use any PARs?
- Size of development
  - Does the development meet the following thresholds related to its size?
    - 80+ dwellings; or
    - 1,000m^2 GFA+ non-residential.
- Are there transport documents available submitted as part of the application to accurately assess the impacts of the development?
- Does the total trip generation meet the criteria set out as follows?
  - Development not located directly on a PAR:
    - >= 75 two-way peak hour vehicular trips;
    - >= 300 two-way daily vehicular trips;
    - Significant HGV uplift relative to local baseline; or
    - Abnormal loads.
  - Development located directly on a PAR:
    - >= 30 two-way peak hour trips; or
    - >= 100 two-way daily trips.

1.1.7 Relevant transport documentation was reviewed and construction traffic flows extracted, where movements were forecast to interact spatially and temporally with the Project.

1.1.8 Each committed development was reviewed to determine whether it should be included directly, having regard to planning status, construction programme overlap, proximity to the PARs, and potential interaction with the assessed highway network.

1.1.9 The outcome of this review is summarised in Table 1.2, which identifies all applications considered and confirms those directly included within the 2029 future baseline scenario.

1.1.10 This process was also undertaken to understand cumulative schemes to be included in **Application Document 6.21 Chapter 21 Inter-project Cumulative Effects**. Therefore, a review of committed and emerging development has been carried out to inform the list of future baseline projects (below). This included a review of relevant Local Planning Authority planning portals and Nationally Significant Infrastructure Projects (NSIPs) and Development Consent Order (DCO) schemes.

Table 1.2 – Committed developments manually included within assessment

LHA	APP Ref	Name	Status	Nearest PAR / distance from Order Limits	Type
West Lindsey	136937	Land Northeast of Highfields Roundabout, Corringham Road	Approved	PAR 89, PAR 91 – 5.2km	Residential
East Riding of Yorkshire	20/00410/STREM	Erection of 225 dwelling, Land At Ings Lane And East Of Skillings Lane Ings Lane	Approved	PAR 22 – 3.2km	Residential
East Riding of Yorkshire	20/01027/STREM	Erection of 320 one and two storey dwellings, Land At Ings Lane And East Of Skillings Lane Ings Lane	Approved	PAR 22 – 3.3km	Residential
East Riding of Yorkshire	20/03207/STREM	Erection of 257 dwellings, Land Southwest Of Stone Cottage Long Lane Woodmansey East Riding Of Yorkshire HU17 0RN	Approved	PAR 3 – 1.4km	Residential
East Riding of Yorkshire	20/03206/STREM	Erection of 146 dwellings, Land Southwest Of Stone Cottage Long Lane Woodmansey East Riding Of Yorkshire HU17 0RN	Approved	PAR 3 – 1.6km	Residential
East Riding of Yorkshire	21/01311/STPLF	Erection of 204 dwellings, Land South Of Larkfield 23 Great Gutter Lane West Willerby East Riding Of Yorkshire HU10 6DP	Approved	PAR 9 – 2.4km	Residential
East Riding of Yorkshire	21/01492/STPLF	Erection of 297 dwellings, Land East Of Woodmansey Mile Beverley East Riding Of Yorkshire	Approved	PAR 3 – 1.9km	Residential
Bassetlaw	22/01071/FUL	Former High Marnham Power Station. The Erection of Unit A - A Finished Product Despatch Warehouse Building (B8 Use) and Packaging Plant (B2 Use) Including Odour Abatement Plant and Solar PV and Unit B - Raw Animal By-Product (ABP) Intermediate	Approved	PAR 139 – 0km	Industrial

LHA	APP Ref	Name	Status	Nearest PAR / distance from Order Limits	Type
		Storage Building (B8 Use) Incorporating Mechanical Processing Plant for Crushing, Freezing and Reloading (B2 Use) Including Odour Abatement Plant and Solar PV on Land Comprising Part of the Former High Marnham Power Station at High Marnham			
East Riding of Yorkshire	22/01546/STPLF	Erection of a building for vertical farming, two associated 2-storey office buildings and an energy network building , Land South Of Woodmansey Village Hall Long Lane Woodmansey East Riding Of Yorkshire HU17 0RN	Approved	PAR 1, PAR 3 – 2.4km	Industrial
Bassetlaw	22/01633/OUT	Ordsall south garden neighbourhood, Land To The South Of Ordsall Ollerton Road Retford Nottinghamshire	Approved	PAR 105 – 5.6km	Residential
East Riding of Yorkshire	24/01608/STOUTE	Land Adjacent Percy Lodge Access Road Airmyn East Riding Of Yorkshire DN14 8JR OUTLINE - Erection of buildings to accommodate employment use development (use class B2, B8, E(g) (iii), Sui Generis) together with formation of associated access, landscaping and engineering works following demolition of existing buildings at Percy Lodge Farm (access to be considered)	Approved	PAR 142 – 9.5km	Industrial
Bassetlaw	25/00639/FUL	High Marnham BESS - Land North Of Polly Taylors Road High Marnham Nottinghamshire	Approved	PAR 139 – 0km	Energy

LHA	APP Ref	Name	Status	Nearest PAR / distance from Order Limits	Type
NSIP	EN010088	West Burton C power station The proposal is for a power station capable of generating up to 299 MW of electrical generation capacity.	Approved	PAR 93, PAR 92 – 1.5km	Energy
NSIP	EN011098	Hornsea Four Offshore Wind Farm Development of the Hornsea Project Four offshore wind farm. This is within the western area of the former Hornsea known as Zone 4, under the Round 3 offshore wind licensing arrangements established by The Crown Estate.	Approved	PAR 1 – 0km	Energy
NSIP	EN010116	North Lincolnshire Green Energy Park The Project consists of an Energy Recovery Facility converting up to 650,000 tonnes per annum of Refuse Derived Fuel to generate a maximum of 95 Mega Watts of electrical output and/or 380 Mega Watts of thermal output to provide power, heat and steam on the site of the operating Flixborough Wharf on the River Trent.	Approved	PAR 134 – 1.6km	Energy
North Lincolnshire	PA/2024/513	Garden Centre, Belton Road, Epworth, DN9 1JL Planning permission for a mixed-use development of commercial uses (Class E), health centre (Class E), education area (Class F1), landscaping and associated infrastructure following demolition of existing garden centre (Class E)	Approved with conditions	PAR 61 – 1.3km	Mixed-use commercial

LHA	APP Ref	Name	Status	Nearest PAR / distance from Order Limits	Type
North Lincolnshire	PA/2020/1628	Erection of 317 dwellings, Phases 5 and 6 Falkland Way, land off Canberra View, Barton upon Humber, DN18 5GR Planning permission to erect 317 dwellings, including associated garages, access road, playground, ponds, and public open space	Approved	PAR 140 – 10.9km	Residential
North Lincolnshire	PA/2021/2151	Erection of 390 dwellings, land west of Brigg Road and south of Horkstow Road, Barton upon Humber Outline planning permission for a residential development of up to 390 dwellings with associated infrastructure, and with appearance, landscaping, layout and scale reserved for subsequent consideration	Approved	PAR 140 – 11.6km	Residential
North Lincolnshire	PA/2022/1628	Residential development of up to 200 dwellings, land south of Moorwell Road, Yaddlethorpe, Bottesford A residential development of up to 200 dwellings	Approved	PAR 146, PAR 145 – 7km	Residential
North Lincolnshire	PA/2023/1124	Lincolnshire Lakes, Land east of M181 and north of Burringham Road, Scunthorpe Planning permission for the development of 599 No. dwellings and lake, along with associated infrastructure, including landscaping, public open space and play area, pedestrian and cycle links, pumping station and sub-station.	Approved with conditions	PAR 145 – 4.9km	Residential

1.1.11 Based upon the 2025 Baseline traffic flows from Table 3.1 within **Application Document 6.14.A2 Appendix 14.2 Traffic and Transport Baseline Conditions** and applying the above TEMPro Growth factors from Table 1.1, Table 1.3 presents the future baseline (without committed development) traffic flows forming the PARs. The PARs are presented on **Application Document 6.14.F1 Figure 14.1 Primary Access Routes**.

Table 1.3 – Future 2029 Baseline without committed development traffic flows on local road links forming PAR

PAR ID	PAR name	2029 total daily traffic movements		2029 daily HGV traffic movements	
		18hr (06:00-00:00) AAWT	24hr (AADT)	18hr (06:00-00:00) AAWT	24hr (AADT)
1A	A1079 Beverley Bypass East (between A164/A1079 int and BM 001)	20,088	19,060	1,151	923
1B	A1079 Beverley Bypass East (east of BM 001)	19,849	18,776	1,431	1,179
2	A1079 Beverley Bypass West	20,182	19,429	1,323	1,057
3	A164 - North of A1079	21,203	20,530	1,037	836
4	A164 Beverley Road - Between A1079 and Dunflat Road	27,438	26,254	1,558	1,417
5	Dunflat Road	3,933	3,553	186	153
6	A164 - Between Dunflat Road and B1233/A164 Roundabout	27,730	26,722	1,517	1,381
7	Main Street	4,727	4,411	183	155
8	Little Weighton Road	2,665	2,473	124	105
9	A164 - Between B1233/A164 Roundabout and A164/Riplingham Road Roundabout	27,693	26,521	1,859	1,612
10A	Riplingham Road (between A164/Riplingham Road jn and Rowley Road)	5,963	5,399	261	206
10B	Riplingham Road (west of Rowley Road)	5,523	5,008	273	217
11	Rowley Road (between Riplingham Road/ Rowley Road jn and BM 008)	531	501	16	14
12	A164 - Between A164/Riplingham Road Roundabout and Wingfield Farm Roundabout	19,992	19,090	1,616	1,396
13	Lambwell Hill	1,848	1,662	44	36

PAR ID	PAR name	2029 total daily traffic movements		2029 daily HGV traffic movements	
		18hr (06:00-00:00) AAWT	24hr (AADT)	18hr (06:00-00:00) AAWT	24hr (AADT)
14	Westoby Lane	2,531	2,227	115	90
15	Brick Dike Lane	2,222	2,004	116	95
16	B1230 - Hunsley Road	9,276	9,164	583	491
17	A1034 - Between Hunsley Road and A1079/A1034 Roundabout (North)	7,556	7,160	766	643
18	A1034 - Between Hunsley Road and Beverley Road (South)	9,727	9,268	1,119	951
19	A1034 - Beverley Road and A63	9,727	9,268	1,119	951
20	Beverley Road	27,438	26,254	1,558	1,417
21	Ellerker Road	585	559	34	30
22	A63 Petuaria Way (South)	42,371	39,959	6,916	5,862
23	Brantingham Road	585	559	34	30
24A	Brough Road (Between A1034 roundabout and Brantingham Road)	7,580	7,180	330	274
24B	Brough Road (South of Brantingham Road)	7,294	6,897	311	261
25	A63 Petuaria Way (West)	38,790	36,870	6,568	5,622
26A	Ings Lane	313	290	10	8
26B	Main Street	313	290	10	8
27	Carr Lane	362	362	31	26
28	Tongue Lane	625	598	100	78

PAR ID	PAR name	2029 total daily traffic movements		2029 daily HGV traffic movements	
		18hr (06:00-00:00) AAWT	24hr (AADT)	18hr (06:00-00:00) AAWT	24hr (AADT)
29	B1230 Main Road (East)	8,956	8,413	672	550
30	M62	39,014	37,326	6,421	5,510
31	A161 Tom Pudding Way	7,655	7,201	977	795
32	A161 Swinefleet Road	6,236	5,997	238	205
33	A161 King's Causeway	1,496	1,447	119	109
34	Pennyhill Cottages	27,693	26,521	1,859	1,612
35	Main Street	27,693	26,521	1,859	1,612
36	Church Lane	5,963	5,399	261	206
37	A161 Field Lane (North of Eastoft)	1,481	1,426	113	103
38	Luddington Road	426	385	59	49
39	Carr Lane	72	70	4	3
40	B1392 Meredyke Road	630	583	48	40
41	Ox Pasture Lane	5,523	5,008	273	217
42	Carr Lane	32	30	1	-
43	B1392 Luddington Road	1,059	973	84	67
44	A161 Crowle Road/Wharf Road - Eastoft to Ealand	9,039	8,557	551	481
45	Outgate (West)	724	689	73	60

PAR ID	PAR name	2029 total daily traffic movements		2029 daily HGV traffic movements	
		18hr (06:00-00:00) AAWT	24hr (AADT)	18hr (06:00-00:00) AAWT	24hr (AADT)
46	Bonnyhale Dale Road	115	109	10	7
47	Main Street	2,531	2,227	115	90
48	Bonnyhale Road	106	100	18	14
49A	Keadby Power Station Internal Roads / Unnamed Roads	1,848	1,662	44	36
49B	Keadby Power Station Internal Roads / Unnamed Roads 2	1,848	1,662	44	36
50	A161 - Between Outgate and A18 Interchange	10,369	9,907	684	590
51	A18 Trunk Road (East)	9,467	9,047	812	687
52	A18 High Levels Bank (West)	5,664	5,378	546	460
53	A161 - Between A18 and M180	7,022	6,746	685	587
54	A161 - Between M180 and Belton	11,532	10,700	864	713
55	King Edward Street	1,477	1,386	109	91
56	Bracon	1,477	1,386	109	91
57	Belton Road	1,048	988	108	93
58	Hollingsworth Lane	743	676	79	63
59	Melwood Hill (South)	1,428	1,320	118	102
60	Blow Row	2,598	2,370	126	103
61	A161 High Street - Between King Edward Street and Blow Row	9,800	9,078	699	578

PAR ID	PAR name	2029 total daily traffic movements		2029 daily HGV traffic movements	
		18hr (06:00-00:00) AAWT	24hr (AADT)	18hr (06:00-00:00) AAWT	24hr (AADT)
62	Rectory Street	2,421	2,261	181	152
63	Melwood Hill (North)	1,428	1,320	118	102
64A	Newland Lane	313	290	10	8
64B	Newland Lane 2	313	290	10	8
65	A161 Epworth Road	7,053	6,607	577	471
66	Burnham Road (West)	362	362	31	26
67	Church Walk	426	385	59	49
68	East Lound Road	661	605	75	59
69	Brackenhill Road / E Lound Road	1,051	965	98	78
70	B1396 Tower Hill	3,220	2,977	168	138
71	A161 Haxey Lane	4,287	4,067	439	354
72	Ferry Road/Main Street	975	917	93	78
73	Stockwith Road	8,343	7,997	668	549
74	A161 Station Road	5,090	4,865	413	339
75	Tindale Bank Road	8,075	7,715	646	527
76	A161 Haxey Road	5,009	4,745	334	274
77	Cornley Road	133	119	13	9

PAR ID	PAR name	2029 total daily traffic movements		2029 daily HGV traffic movements	
		18hr (06:00-00:00) AAWT	24hr (AADT)	18hr (06:00-00:00) AAWT	24hr (AADT)
78	Carr Lane	224	205	30	25
79	B1403 Church Street	2,452	2,267	161	135
80	Cattle Road	69	64	10	9
81	A161 High Street to A161/A631 Roundabout	5,635	5,380	409	339
82	B1403 Gringley Road	2,304	2,136	197	165
83	B1403 Fountain Hill	2,304	2,136	197	165
85	B1403 Walkeringham Road	2,762	2,565	240	202
86	A631 (Gringley on the Hill West)	10,226	9,719	1,083	922
87	A631 (Gringley on the Hill East)	8,557	8,512	1,029	887
88	A631 - Between A161/A631 Roundabout and Wood Lane	12,899	12,326	779	641
89	A631 - Between Wood Lane and A620/A631 Roundabout	13,045	12,454	779	640
90	Wood Lane	41	40	5	4
91	A620 - Between A620/A631 Roundabout to Saundby/Sturton/Gainsborough Road Roundabout	7,430	6,936	496	404
92	Sturton Road	2,750	2,511	340	268
93	Gainsborough Road	2,750	2,511	340	268
94	Station Road	824	745	84	67
95	Wheatley Road	824	745	84	67

PAR ID	PAR name	2029 total daily traffic movements		2029 daily HGV traffic movements	
		18hr (06:00-00:00) AAWT	24hr (AADT)	18hr (06:00-00:00) AAWT	24hr (AADT)
96	Sturton Road	1,084	990	81	67
97	Low Street	1,084	990	81	67
98	A620 - Gainsborough Road	4,982	4,707	456	378
99	A620 - Between Low Street in North Wheatley to Spital Hill in Retford	7,492	7,082	485	413
100	A620 Amcott Way	20,444	19,409	939	838
101	Cross Street	2,967	2,763	173	144
102	Springs Lane	5	5	1	-
103	Retford Road (West)	3,833	3,585	268	221
104	Leverton Road/Spital Hill	4,379	4,154	200	169
105	A638 Arlington Way/London Road	15,165	14,507	769	660
106	A638 Great North Road - To the A1	10,593	10,032	748	650
107	Cocking Lane	2,647	2,400	125	106
108	Town Street/Forewood Lane	403	370	31	24
109	Wood Lane/Main Street	704	648	49	43
110	Grove Road	2,029	1,872	113	94
111	Lady Well Lane	2,029	1,872	113	94
112	Main Street	522	504	42	34

PAR ID	PAR name	2029 total daily traffic movements		2029 daily HGV traffic movements	
		18hr (06:00-00:00) AAWT	24hr (AADT)	18hr (06:00-00:00) AAWT	24hr (AADT)
113	Hazelwood Lane	1,727	1,544	72	60
114	Ashley Lane	77	63	6	4
115	Retford Road (North of Rampton Hospital)	1,641	1,438	87	71
116	Laneham Road	3,282	3,001	265	214
117	A57 Broad Gate	9,735	9,728	1,038	918
118	A57 - Between Darlton Road and BM 127	9,654	9,640	1,087	962
119	A57 - Between BM 127 and BM 126 (Option 3)	9,654	9,640	1,087	962
120	A57 - Between BM 126 and A57/Main Street Junction	9,654	9,640	1,087	962
121	A57 - Between A57/Main Street Junction East	9,621	9,605	1,019	896
122	Main Street	1,329	1,266	170	145
123	Retford Road (East Drayton)	304	280	16	13
124	Top Street/Darlton Road	1,594	1,461	78	66
125	Dale Road	531	501	16	14
126	Willow Flats	5,133	4,745	232	189
127	Ellerker Lane	1,044	1,002	67	55
128	Norfolk Bank Lane	472	454	37	33
129	Common Road	691	647	46	39

PAR ID	PAR name	2029 total daily traffic movements		2029 daily HGV traffic movements	
		18hr (06:00-00:00) AAWT	24hr (AADT)	18hr (06:00-00:00) AAWT	24hr (AADT)
130	Wallingfen Lane	664	643	60	53
131	Staddlethorpe Lane	2,740	2,525	175	144
132	Thornton Dam Lane/Scalby Lane	2,744	2,528	175	144
133	Meredyke Road East (Between Carr Lane and B1392 Shore Road)	692	647	46	39
134	B1392	1,435	1,372	79	73
135	Meredyke Road (West)	630	583	48	40
136	B1392 Eastoft Road	1,034	950	78	64
137	Outgate East	115	109	10	7
138	Greengate	825	781	27	24
139	Fledborough Road	1,266	1,208	177	151
140	A15 (From Wingfield Farm Roundabout to A180 Interchange)	25,936	24,638	2,762	2,294
141	A63 (From A15 Interchange to A1079)	58,342	55,245	6,484	5,466
142	M62 (From A614 Interchange to M18 Interchange)	59,596	58,126	10,219	9,134
143	M180 (Between M18 Interchange and A161)	44,223	42,436	11,060	9,613
144	M180 (Between A161 and M181)	45,232	43,254	11,187	9,707
145	M181	18,582	17,702	2,831	2,492
146	M180 (Between M181 Interchange and A15)	33,011	31,393	9,239	7,962

PAR ID	PAR name	2029 total daily traffic movements		2029 daily HGV traffic movements	
		18hr (06:00-00:00) AAWT	24hr (AADT)	18hr (06:00-00:00) AAWT	24hr (AADT)
147	M180 (Between A15 Interchange and A180)	44,229	41,967	11,040	9,523
149	Epworth Road North	1,428	1,320	118	102
150	Epworth Road South	1,117	1,054	73	59
151	Burnham Road East	1,117	1,054	73	59
152	Church Street	1,117	1,054	73	59
153	Leverton Road	3,110	2,821	204	164
154	Main St	672	624	99	81
155	Retford Road (East)	2,284	2,138	125	101
156	B1230 Main Road (West)	8,075	7,715	646	527
157	A18 Althorpe Byp	9,467	9,047	812	687
158	Sands Lane	585	559	34	30
159	Landing Lane	362	362	31	26
160	Pasture Lane	426	385	59	49
161	A15 Boothferry Road	58,342	55,245	6,484	5,466

1.1.12 The relevant committed development traffic associated with developments set out in Table 1.2 has been manually added to the traffic flows within Table 1.3 to produce the future 2029 baseline with committed development traffic flows. These are set out in Table 1.4 and form the future baseline scenario used within the assessment.

Table 1.4 – Future 2029 Baseline with committed development traffic flows on local road links forming Primary Access Routes – forming 2029 Future Baseline Scenario

PAR ID	PAR name	2029 total daily traffic movements		2029 daily HGV traffic movements	
		18hr (06:00-00:00) AAWT	24hr (AADT)	18hr (06:00-00:00) AAWT	24hr (AADT)
1A	A1079 Beverley Bypass East (between A164/A1079 int and BM 001)	21,682	20,655	1,556	1,328
1B	A1079 Beverley Bypass East (east of BM 001)	21,443	20,371	1,837	1,584
2	A1079 Beverley Bypass West	20,989	20,236	1,488	1,222
3	A164 - North of A1079	23,132	22,459	1,289	1,088
4	A164 Beverley Road - Between A1079 and Dunflat Road	28,868	27,684	1,958	1,817
5	Dunflat Road	3,933	3,553	186	153
6	A164 - Between Dunflat Road and B1233/A164 Roundabout	29,160	28,152	1,917	1,781
7	Main Street	4,727	4,411	183	155
8	Little Weighton Road	2,665	2,473	124	105
9	A164 - Between B1233/A164 Roundabout and A164/Riplingham Road Roundabout	28,429	27,257	2,214	1,967
10A	Riplingham Road (between A164/Riplingham Road jn and Rowley Road)	6,055	5,491	271	216
10B	Riplingham Road (west of Rowley Road)	5,616	5,101	283	226
11	Rowley Road (between Riplingham Road/ Rowley Road jn and BM 008)	531	501	16	14
12	A164 - Between A164/Riplingham Road Roundabout and Wingfield Farm Roundabout	20,758	19,856	1,975	1,756

PAR ID	PAR name	2029 total daily traffic movements		2029 daily HGV traffic movements	
		18hr (06:00-00:00) AAWT	24hr (AADT)	18hr (06:00-00:00) AAWT	24hr (AADT)
13	Lambwell Hill	1,848	1,662	44	36
14	Westoby Lane	2,531	2,227	115	90
15	Brick Dike Lane	2,222	2,004	116	95
16	B1230 - Hunsley Road	9,276	9,164	583	491
17	A1034 - Between Hunsley Road and A1079/A1034 Roundabout (North)	7,556	7,160	766	643
18	A1034 - Between Hunsley Road and Beverley Road (South)	9,727	9,268	1,119	951
19	A1034 - Beverley Road and A63	9,727	9,268	1,119	951
20	Beverley Road	27,438	26,254	1,558	1,417
21	Ellerker Road	585	559	34	30
22	A63 Petuaria Way (South)	42,707	40,296	6,951	5,897
23	Brantingham Road	585	559	34	30
24A	Brough Road (Between A1034 roundabout and Brantingham Road)	7,650	7,250	338	281
24B	Brough Road (South of Brantingham Road)	7,364	6,967	318	269
25	A63 Petuaria Way (West)	38,965	37,045	6,586	5,640
26A	Ings Lane	313	290	10	8
26B	Main Street	313	290	10	8
27	Carr Lane	362	362	31	26
28	Tongue Lane	625	598	100	78

PAR ID	PAR name	2029 total daily traffic movements		2029 daily HGV traffic movements	
		18hr (06:00-00:00) AAWT	24hr (AADT)	18hr (06:00-00:00) AAWT	24hr (AADT)
29	B1230 Main Road (East)	8,991	8,448	676	554
30	M62	39,597	37,909	6,518	5,606
31	A161 Tom Pudding Way	7,655	7,201	977	795
32	A161 Swinefleet Road	6,236	5,997	238	205
33	A161 King's Causeway	1,587	1,538	119	109
34	Pennyhill Cottages	27,693	26,521	1,859	1,612
35	Main Street	27,693	26,521	1,859	1,612
36	Church Lane	5,963	5,399	261	206
37	A161 Field Lane (North of Eastoft)	1,571	1,517	113	103
38	Luddington Road	426	385	59	49
39	Carr Lane	72	70	4	3
40	B1392 Meredyke Road	630	583	48	40
41	Ox Pasture Lane	5,523	5,008	273	217
42	Carr Lane	32	30	1	-
43	B1392 Luddington Road	1,059	973	84	67
44	A161 Crowle Road/Wharf Road - Eastoft to Ealand	9,045	8,562	552	481
45	Outgate (West)	724	689	73	60
46	Bonnyhale Dale Road	115	109	10	7

PAR ID	PAR name	2029 total daily traffic movements		2029 daily HGV traffic movements	
		18hr (06:00-00:00) AAWT	24hr (AADT)	18hr (06:00-00:00) AAWT	24hr (AADT)
47	Main Street	2,531	2,227	115	90
48	Bonnyhale Road	106	100	18	14
49A	Keadby Power Station Internal Roads / Unnamed Roads	1,848	1,662	44	36
49B	Keadby Power Station Internal Roads / Unnamed Roads 2	1,848	1,662	44	36
50	A161 - Between Outgate and A18 Interchange	10,374	9,912	684	591
51	A18 Trunk Road (East)	9,482	9,062	814	689
52	A18 High Levels Bank (West)	5,668	5,381	546	460
53	A161 - Between A18 and M180	7,103	6,826	692	594
54	A161 - Between M180 and Belton	11,656	10,824	874	724
55	King Edward Street	1,510	1,419	113	94
56	Bracon	1,510	1,419	113	94
57	Belton Road	1,048	988	108	93
58	Hollingsworth Lane	743	676	79	63
59	Melwood Hill (South)	1,428	1,320	118	102
60	Blow Row	2,794	2,565	146	124
61	A161 High Street - Between King Edward Street and Blow Row	9,956	9,234	713	591
62	Rectory Street	2,520	2,360	192	163
63	Melwood Hill (North)	1,428	1,320	118	102

PAR ID	PAR name	2029 total daily traffic movements		2029 daily HGV traffic movements	
		18hr (06:00-00:00) AAWT	24hr (AADT)	18hr (06:00-00:00) AAWT	24hr (AADT)
64A	Newland Lane	313	290	10	8
64B	Newland Lane 2	313	290	10	8
65	A161 Epworth Road	7,249	6,803	597	492
66	Burnham Road (West)	362	362	31	26
67	Church Walk	426	385	59	49
68	East Lound Road	661	605	75	59
69	Brackenhill Road / E Lound Road	1,115	1,030	105	85
70	B1396 Tower Hill	3,285	3,041	175	145
71	A161 Haxey Lane	4,351	4,132	446	362
72	Ferry Road/Main Street	975	917	93	78
73	Stockwith Road	8,343	7,997	668	549
74	A161 Station Road	5,090	4,865	413	339
75	Tindale Bank Road	8,075	7,715	646	527
76	A161 Haxey Road	5,009	4,745	334	274
77	Cornley Road	133	119	13	9
78	Carr Lane	224	205	30	25
79	B1403 Church Street	2,452	2,267	161	135
80	Cattle Road	69	64	10	9

PAR ID	PAR name	2029 total daily traffic movements		2029 daily HGV traffic movements	
		18hr (06:00-00:00) AAWT	24hr (AADT)	18hr (06:00-00:00) AAWT	24hr (AADT)
81	A161 High Street to A161/A631 Roundabout	5,635	5,380	409	339
82	B1403 Gringley Road	2,304	2,136	197	165
83	B1403 Fountain Hill	2,304	2,136	197	165
85	B1403 Walkeringham Road	2,762	2,565	240	202
86	A631 (Gringley on the Hill West)	10,388	9,881	1,161	1,000
87	A631 (Gringley on the Hill East)	8,948	8,903	1,130	988
88	A631 - Between A161/A631 Roundabout and Wood Lane	13,506	12,934	902	765
89	A631 - Between Wood Lane and A620/A631 Roundabout	13,653	13,062	902	763
90	Wood Lane	41	40	5	4
91	A620 - Between A620/A631 Roundabout to Saundby/Sturton/Gainsborough Road Roundabout	7,823	7,329	623	530
92	Sturton Road	3,068	2,829	452	380
93	Gainsborough Road	3,068	2,829	452	380
94	Station Road	824	745	84	67
95	Wheatley Road	824	745	84	67
96	Sturton Road	1,084	990	81	67
97	Low Street	1,084	990	81	67
98	A620 - Gainsborough Road	5,002	4,727	456	378

PAR ID	PAR name	2029 total daily traffic movements		2029 daily HGV traffic movements	
		18hr (06:00-00:00) AAWT	24hr (AADT)	18hr (06:00-00:00) AAWT	24hr (AADT)
99	A620 - Between Low Street in North Wheatley to Spital Hill in Retford	7,510	7,100	487	415
100	A620 Amcott Way	20,516	19,481	947	845
101	Cross Street	2,987	2,783	173	144
102	Springs Lane	5	5	1	-
103	Retford Road (West)	3,833	3,585	268	221
104	Leverton Road / Spital Hill	4,379	4,154	200	169
105	A638 Arlington Way/London Road	15,340	14,683	786	678
106	A638 Great North Road - To the A1	10,769	10,207	766	667
107	Cocking Lane	2,667	2,420	125	106
108	Town Street/Forewood Lane	423	390	31	24
109	Wood Lane/Main Street	704	648	49	43
110	Grove Road	2,029	1,872	113	94
111	Lady Well Lane	2,029	1,872	113	94
112	Main Street	522	504	42	34
113	Hazelwood Lane	1,727	1,544	72	60
114	Ashley Lane	77	63	6	4
115	Retford Road (North of Rampton Hospital)	1,641	1,438	87	71
116	Laneham Road	3,302	3,021	265	214

PAR ID	PAR name	2029 total daily traffic movements		2029 daily HGV traffic movements	
		18hr (06:00-00:00) AAWT	24hr (AADT)	18hr (06:00-00:00) AAWT	24hr (AADT)
117	A57 Broad Gate	9,735	9,728	1,038	918
118	A57 - Between Darlton Road and BM 127	9,777	9,763	1,152	1,026
119	A57 - Between BM 127 and BM 126 (Option 3)	9,777	9,763	1,152	1,026
120	A57 - Between BM 126 and A57/Main Street Junction	9,777	9,763	1,152	1,026
121	A57 - Between A57/Main Street Junction East	9,674	9,658	1,023	899
122	Main Street	1,507	1,444	238	213
123	Retford Road (East Drayton)	304	280	16	13
124	Top Street/Darlton Road	1,605	1,473	79	67
125	Dale Road	531	501	16	14
126	Willow Flats	5,133	4,745	232	189
127	Ellerker Lane	1,062	1,019	69	57
128	Norfolk Bank Lane	472	454	37	33
129	Common Road	708	664	48	40
130	Wallingfen Lane	682	661	62	55
131	Staddlethorpe Lane	2,740	2,525	175	144
132	Thornton Dam Lane/Scalby Lane	2,744	2,528	175	144
133	Meredyke Road East (Between Carr Lane and B1392 Shore Road)	692	647	46	39
134	B1392	1,435	1,372	79	73

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		18hr (06:00-00:00) AAWT	24hr (AADT)	18hr (06:00-00:00) AAWT	24hr (AADT)
135	Meredyke Road (West)	630	583	48	40
136	B1392 Eastoft Road	1,034	950	78	64
137	Outgate East	115	109	10	7
138	Greengate	825	781	27	24
139	Fledborough Road	1,266	1,208	177	151
140	A15 (From Wingfield Farm Roundabout to A180 Interchange)	25,936	24,638	2,762	2,294
141	A63 (From A15 Interchange to A1079)	58,342	55,245	6,484	5,466
142	M62 (From A614 Interchange to M18 Interchange)	59,596	58,126	10,219	9,134
143	M180 (Between M18 Interchange and A161)	44,572	42,785	11,191	9,745
144	M180 (Between A161 and M181)	45,576	43,598	11,311	9,830
145	M181	18,582	17,702	2,831	2,492
146	M180 (Between M181 Interchange and A15)	33,011	31,393	9,239	7,962
147	M180 (Between A15 Interchange and A180)	44,229	41,967	11,040	9,523
149	Epworth Road North	1,428	1,320	118	102
150	Epworth Road South	1,117	1,054	73	59
151	Burnham Road East	1,117	1,054	73	59
152	Church Street	1,117	1,054	73	59
153	Leverton Road	3,130	2,841	204	164

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		18hr (06:00-00:00) AAWT	24hr (AADT)	18hr (06:00-00:00) AAWT	24hr (AADT)
154	Main St	672	624	99	81
155	Retford Road (East)	2,284	2,138	125	101
156	B1230 Main Road (West)	8,075	7,715	646	527
157	A18 Althorpe Byp	9,467	9,047	812	687
158	Sands Lane	585	559	34	30
159	Landing Lane	362	362	31	26
160	Pasture Lane	426	385	59	49
161	A15 Boothferry Road	58,342	55,245	6,484	5,466

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