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Norwich to Tilbury

Volume 6: Environmental Statement

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Baseline

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16 Future Baseline

16.1 Introduction

- 16.1.1 This appendix has been produced to support Chapter 16: Traffic and Transport (document reference 6.16) of the Environment Statement (ES) (Volume 6 of the Development Consent Order (DCO) application) for Norwich to Tilbury (the ‘Project’). It outlines the future baseline traffic flows considered within the traffic and transport assessment, for each road link that forms the Primary Access Routes (PARs).
- 16.1.2 Based on the construction programme, the peak activity along the extensive length of the Project may differ, resulting in roads links along the PARs having a different peak construction year, as per the estimated trip generation, as presented within Chapter 16: Traffic and Transport (document reference 6.16).

16.2 Future Baseline Traffic Flows

- 16.2.1 Table A16.3.1 presents the future baseline traffic flows on local road links forming the PARs. The PARs are shown on Figure 16.1: Primary Access Routes (document reference 6.16.F1).

Table A16.3.1 Future baseline traffic flows on local road links forming Primary Access Routes

Project Section	Road Link ID	Survey Site	Peak Construction Year	Total Traffic Movements		Heavy Goods Vehicles (HGV) Movements	
				12 hr (07:00-19:00)	24 hr (Annual Average Daily Traffic (AADT))	12 hr (07:00-19:00)	24 hr (AADT)
A	Link PAR 1 - A140 Ipswich Road	Site 105	2028	20,250	25,045	836	1,034
A	Link PAR 2 - Mangreen Lane	Site Bell 1a	2028	239	296	2	3
A	Link PAR 3 - Stansfield	Site 107	2027	4,430	5,479	130	161

Project Section	Road Link ID	Survey Site	Peak Construction Year	Total Traffic Movements		Heavy Goods Vehicles (HGV) Movements	
				12 hr (07:00-19:00)	24 hr (Annual Average Daily Traffic (AADT))	12 hr (07:00-19:00)	24 hr (AADT)
	Road/Wymondham Road						
A	Link PAR 4 - B1113	951640	2027	3,572	4,418	78	97
A	Link PAR 5 - Wymondham Road	NDC 2a	2027	1,025	1,268	100	123
A	Link PAR 6 - Fundenhall Road	Site Bell 3a	2027	1,365	1,688	37	46
A	Link PAR 7 - B1134 Station Road/B1134 Long Row	Site Bell 4a	2028	2,023	2,503	143	176
A	Link PAR 8 – A1066/A1066 Victoria Road/A1066 Park Road/A1066 High Road	NDC Site 2	2028	8,384	10,369	1,554	1,922
		NDC Site 3	2028	15,915	19,683	1,411	1,745
		NDC Site 4	2028	11,478	14,195	1,066	1,319
		NDC Site 5	2028	7,262	8,981	1,154	1,427
		NDC 15a	2028	6,684	8,267	1,004	1,241
A	Link PAR 9 - A1066 High Road/A1066 Low Road/A1066 Diss Road /A1066 The Street/A1066 Thetford Road/A1066 Hurth Way/A1066 Mundford Road	77197	2028	9,719	12,021	555	686
		18594	2028	10,680	13,209	609	754
		7496	2028	10,225	12,645	449	555
		92224	2028	3,696	4,571	426	527
B	Link PAR 10 - A143 Old Bury Road	NDC 17a	2028	6,349	7,853	1,318	1,630

Project Section	Road Link ID	Survey Site	Peak Construction Year	Total Traffic Movements		Heavy Goods Vehicles (HGV) Movements	
				12 hr (07:00-19:00)	24 hr (Annual Average Daily Traffic (AADT))	12 hr (07:00-19:00)	24 hr (AADT)
B	Link PAR 11 - Lion Road	Site Bell 7a	2027	2,715	3,358	61	75
B	Link PAR 12 - B1113 Finningham Road/B1113 Walsham Road	Site 114	2028	1,978	2,446	135	167
B	Link PAR 13 - Wickham Road	Site 115	2028	1,673	2,070	98	121
B		NDC 10a	2028	1,647	2,037	210	260
B	Link PAR 14 - Eastland Lane	Site Bell 10a	2028	32	39	2	2
B	Link PAR 15 - Thornham Road	Site Bell 9a	2028	863	1,067	33	41
B	Link PAR 16 - A1120 Church Road/A1120 Bell's Lane	27560	2028	7,167	8,863	244	302
		NDC 11b	2028	3,220	3,982	414	512
B	Link PAR 17 - A1120 south of A14 J50	ID07085_70	2028	2,228	2,755	567	701
B	Link PAR 18 - Mill Lane	Site 117	2028	824	1,019	73	91
	Link PAR 19 - B1113 Needham Road/B1113 Stowmarket Road	NDC 19a	2028	8,179	10,116	731	904
B	Link PAR 20 - B1113 Bramford Road/B1113 Loraine Way	ID07085_57	2028	3,335	4,124	1,243	1,538
		ID07085_56	2028	768	950	227	281

Project Section	Road Link ID	Survey Site	Peak Construction Year	Total Traffic Movements		Heavy Goods Vehicles (HGV) Movements	
				12 hr (07:00-19:00)	24 hr (Annual Average Daily Traffic (AADT))	12 hr (07:00-19:00)	24 hr (AADT)
B	Link PAR 21 - Bullen Lane	NDC 21b	2028	60	74	7	8
C	Link PAR 22 - A1214 London Road	57499	2028	15,542	19,221	854	1,056
C	Link PAR 23 - A1071	ID07085_282	2028	13,110	16,214	662	819
		NDC 1a	2028	9,562	11,826	603	745
C	Link PAR 24 - B1070 (A12 access)	Site 111	2028	4,189	5,180	99	122
C	Link PAR 25 - B1070 Hadleigh Road	NDC 22a	2028	5,022	6,211	320	395
C	Link PAR 26 - Ipswich Road	Site Bell 20a	2029	1,810	2,239	82	102
C	Link PAR 27 - Birchwood Road	Site Bell 22a	2029	3,437	4,250	73	90
		Site 128	2030	2,735	3,382	124	153
C	Link PAR 28 - Wick Road/Grove Hill	809662	2030	1,336	1,652	46	57
C	Link PAR 29 - Perry Lane	Site Bell 21a	2030	107	133	4	5
C	Link PAR 30 - Bentley Road	NDC Site 8	2028	697	861	108	134
		Site Bell 54a	2028	1,234	1,526	36	45
C	Link PAR 31 - Ardleigh Road/Little Bromley Road	NDC Site 9	2028	90	111	15	19

Project Section	Road Link ID	Survey Site	Peak Construction Year	Total Traffic Movements		Heavy Goods Vehicles (HGV) Movements	
				12 hr (07:00-19:00)	24 hr (Annual Average Daily Traffic (AADT))	12 hr (07:00-19:00)	24 hr (AADT)
C	Link PAR 32 - Wick Lane	Site 69	2028	1,129	1,396	28	35
C	Link PAR 33 - Old Ipswich Road	810677	2028	2,620	3,240	234	290
		Site Bell 24a	2028	1,841	2,276	137	170
C	Link PAR 34 - Turnpike Close	Site Bell 23a	2028	374	463	56	69
D	Link PAR 35 - A1341 Via Urbis Romanae	Site 4	2028	14,375	17,778	448	554
D	Link PAR 36 - A134 Northern Approach Road/A134 Wildeve Avenue/A134 Nayland Road/A134 The Causeway	86033	2028	10,288	12,724	398	493
		6676	2028	6,465	7,996	256	316
		Site Bell 26a	2028	8,302	10,267	290	359
D	Link PAR 37 - A1124 Halsted Road	37390	2027	8,496	10,507	252	312
D	Link PAR 38 - Mill Road	NDC 4a	2028	1,973	2,440	197	244
D	Link PAR 39 - Great Tey Road	NDC 13a	2027	1,849	2,287	235	291
E	Link PAR 40 - A120 Colchester Road	NDC 23a	2028	16,499	20,405	2,312	2,859
E	Link PAR 41 - B1018 Braintree	Site 147	2028	11,703	14,474	560	693

Project Section	Road Link ID	Survey Site	Peak Construction Year	Total Traffic Movements		Heavy Goods Vehicles (HGV) Movements	
				12 hr (07:00-19:00)	24 hr (Annual Average Daily Traffic (AADT))	12 hr (07:00-19:00)	24 hr (AADT)
	Road/B1018 Witham Road						
E	Link PAR 42 - B1389 Hatfield Road	Site 141	2028	13,674	16,911	430	532
E	Link PAR 43 - Spinks Lane/Highfields Road/Spa Road/Flora Road/Faulkbourne Road/Church Hill	Site 142	2028	8,712	10,775	158	195
		Site Bell 33a	2028	4,644	5,743	104	129
E	Link PAR 44 - A131 Great Notley Bypass/A131	Site 132	2028	16,829	20,813	799	989
F	Great Leighs Bypass/A131 Braintree Road	90323	2028	20,336	25,150	695	859
F	Link PAR 45 - B1008 Essex Regiment Way	NDC 6a	2027	9,750	12,058	617	763
F	Link PAR 46 - B1008 Braintree Road/B1008 Main Road	Site 134	2028	11,571	14,311	108	134
F	Link PAR 47 - Chatham Hall Lane	Site Bell 36a	2028	298	368	6	7
F	Link PAR 48 - Chelmsford Road	Site Bell 37a	2028	2,678	3,312	108	133
F	Link PAR 49 - A414 Three Mile	18372	2028	23,036	28,490	661	817

Project Section	Road Link ID	Survey Site	Peak Construction Year	Total Traffic Movements		Heavy Goods Vehicles (HGV) Movements	
				12 hr (07:00-19:00)	24 hr (Annual Average Daily Traffic (AADT))	12 hr (07:00-19:00)	24 hr (AADT)
	Hill/A1114 London Road						
F	Link PAR 50 - A1016 Waterhouse Lane/A1016 Rainsford Lane	8614	2028	25,376	31,384	665	822
		38697	2028	18,756	23,197	379	468
		48678	2028	37,335	46,175	470	581
F	Link PAR 51 - A1060 Rainsford Road/A1060 Roxwell Road	77151	2028	12,272	15,177	264	327
		56777	2028	15,081	18,652	341	422
F	Link PAR 52 - Vicarage road	NDC 7a	2028	1,437	1,777	85	106
F	Link PAR 53 - A414 Greenbury Way/A414 Ongar Road	Site 137	2028	12,356	15,281	576	713
		Site Bell 40a	2028	12,500	15,460	492	609
G	Link PAR 54 - B1002 Main Road	810780	2028	5,667	7,009	64	79
		800059	2028	5,777	7,145	42	52
G	Link PAR 55 - Wantz Road	Site 138	2028	3,852	4,764	191	236
G	Link PAR 56 - Ivy Barns Lane	Site Bell 41a	2028	899	1,111	50	62
G	Link PAR 57 - Church Lane	Site Bell 42a	2028	44	54	1	1
G	Link PAR 58 - A176 Noak Hill Road/A176 Laindon Road/A129 Southend Road	77132	2028	15,392	19,036	314	388
		27916	2028	13,866	17,150	283	350
		77137	2028	15,392	19,036	314	388
		Site 144	2028	6,206	7,675	256	316

Project Section	Road Link ID	Survey Site	Peak Construction Year	Total Traffic Movements		Heavy Goods Vehicles (HGV) Movements	
				12 hr (07:00-19:00)	24 hr (Annual Average Daily Traffic (AADT))	12 hr (07:00-19:00)	24 hr (AADT)
G	Link PAR 59 - A129 Sun Street/A129 London Road/A129 Rayleigh Road	Site 145	2028	10,256	12,685	117	145
		77136	2028	11,332	14,015	127	158
		46687	2028	12,336	15,256	102	126
		Site Bell 43a	2028	11,918	14,740	358	443
G	Link PAR 60 - Dunton Road/Brentwood Road	NDC 14A	2028	1,223	1,513	120	148
G	Link PAR 61 - B148 West Mayne	Site 149	2028	16,034	19,831	509	630
G	Link PAR 62 - Lower Dunton Road	Site Bell 46a	2028	3,914	4,840	156	192
H	Link PAR 63 - A128 Brentwood Road	NDC 25a	2028	10,476	12,956	1,329	1,644
H	Link PAR 64 - A1013 Stanford Road (east of Orsett Cock Roundabout)	92177	2028	9,242	11,431	380	470
H	Link PAR 65 - Buckingham Hill Road	NDC 8a	2028	7,936	9,816	584	722
H	Link PAR 66 - Brentwood Road	PAR 68	2028	11,139	13,776	153	189
H	Link PAR 67 - A1013 Stanford Road (west of Orsett Cock Roundabout)	PAR 69	2028	12,977	16,050	559	691

Project Section	Road Link ID	Survey Site	Peak Construction Year	Total Traffic Movements		Heavy Goods Vehicles (HGV) Movements	
				12 hr (07:00-19:00)	24 hr (Annual Average Daily Traffic (AADT))	12 hr (07:00-19:00)	24 hr (AADT)
H	Link PAR 68 - Heath Road	PAR 70	2028	2,804	3,467	16	20
H	Link PAR 69 - Chadwell Hill	PAR 71	2028	7,418	9,174	704	871
H	Link PAR 70 - Linford Road	PAR 72	2028	5,611	6,939	177	219
H	Link PAR 71 - Muckingford Road	NDC Site 40	2028	3,821	4,726	387	479

16.3 Committed Developments

16.3.1 Tables A16.3.2 to A16.3.5 present the list of committed developments and transport schemes that have been considered.

Table A16.3.2 List of committed developments and transport schemes (Norfolk)

Application Reference	Location/ Local Planning Authority (LPA) Area	Description	Status	Summary of Highways Consideration
FUL/2023/0027	Quarry, Ipswich Road, Dunston, NR14 8DD	Continued use of land for recycling and highways depot without compliance with condition 2 (timescales) of permission reference FUL/2020/0078 to enable continuation of use until 30 June 2033 and restoration by 31 December 2033.	Valid/Pending	EXCLUDE: As this would be a continuation of current traffic conditions till after our assessment period.
FUL/2023/0039	Quarry Ipswich Road Dunston Norfolk	Non-compliance with conditions 2 and 29 of permission reference C/7/2016/7013 to extend deadline for restoration of the site until 31 December 2028.	Valid/Pending	EXCLUDE: As this would be a continuation of current traffic conditions till 2028.
2021/2495	Land North and South of Brick Kiln Lane Swains-thorpe Norfolk	Installation of a solar farm comprising: ground mounted solar panels, access tracks, inverter/transformers, substation; storage, spare parts and welfare cabins, underground cables and conduits, perimeter fence; Closed-Circuit Television (CCTV) equipment, temporary new site entrance and access track, temporary construction compounds, and associated infrastructure and planting scheme. Application is	Approved	EXCLUDE: Approved August 2022. Based on this, construction should commence by summer 2025. The solar farm would take six months to construct so should be fully constructed prior to peak Project construction activity. Operational traffic minimal - once a month, three to four personnel.

Application Reference	Location/ Local Planning Authority (LPA) Area	Description	Status	Summary of Highways Consideration
		accompanied by an environmental statement.		
2021/2645	Land North of Stoke Lane Dunston Norfolk	The installation and operation of a Battery Energy Storage System to provide standby emergency electricity for National Grid in times of high electricity demand or when renewable energy projects are unable to fulfil demand. This would be for the installation of 130 megawatt (MW) of modular battery units with ancillary equipment, including power conversion units, 132 kilovolt (kV) transformer compound, metering cabinet, switchroom, Distribution Network Operator control room and welfare container.	Approved	EXCLUDE: Approval with Conditions September 2022. Based on this, construction should commence by September 2025 and the estimated construction time is nine months therefore it should be fully constructed prior to the Project peak construction activity. Minimal operational traffic anticipated.
2021/2579	Land to East of Norwich Road Bracon Ash Norfolk	The application seeks full planning approval for a residential development of 23 dwellings, comprising open market and affordable housing, together with associated highway access, public open space and landscaping on land to the East of Norwich Road, Bracon Ash.	Pending Consideration	EXCLUDE: Planning application was submitted in November 2021. Consultation in Spring/Summer 2024 was undertaken. No information regarding the construction traffic or commencement year/duration of programme if approved. Based on size of development, construction and

Application Reference	Location/ Local Planning Authority (LPA) Area	Description	Status	Summary of Highways Consideration
				operational traffic would be minimal, thus not significant.
2021/2782	Land East of Shelfanger Road and West of Heywood Road Diss Norfolk	The erection of up to 179 dwellings, 0.64 ha of land for the future extension of Diss Cemetery, a new road linking Shelfanger Road and Heywood Road/Burstons Road, public open space and associated infrastructure and landscaping.	Approved	EXCLUDE: Approved in January 2024. Based on the assessment being 2026 future baseline plus development, it can be assumed that the development would be constructed prior to the Project peak. Operational traffic flows would coincide with the Project peak construction activity; however, this should be captured within the Trip End Model Program (TEMPro) growth factor.
2017/1888	Land North of Frenze Hall Lane Diss Norfolk	Discharge of Condition 20 (Off-site highway improvements) of 2016/1566 - A residential development comprising 136 dwelling houses with associated accesses, car parking, refuse and recycling provision and landscaping.	Approved	EXCLUDE: Approved in February 2018. Based on google imagery the development has been constructed and operational - baseline traffic surveys would have included the associated operational traffic.
2017/2162	Land South of Stoke Holy Cross Primary School Five Acres Stoke	Discharge of Conditions 5, 6, 7, 8, 9, 10, 12, 13, 14 and 15 of 2016/2153 - (i) Construction of 53 dwellings (including 17 affordable units), access road, parking,	Approved	EXCLUDE: Approved in September 2018. Based on google imagery the development has been constructed and operational -

Application Reference	Location/ Local Planning Authority (LPA) Area	Description	Status	Summary of Highways Consideration
	Holy Cross Norfolk	garaging, footpaths and cycle paths walling and fencing, landscaping, public open space and associated infrastructure (ii) change of use of former agricultural land to provide extended primary school grounds and construction of 1.8 m high perimeter fence, pedestrian access, and associated hard and soft landscaping.		baseline traffic surveys would have included operational traffic (10 visits a year for maintenance).
2022/0867	Land East of Main Road Swardeston Norfolk	Construction and operation of Energy Balancing Infrastructure (EBI) comprising energy storage technology, to form up to two areas of modular or containerised structures. To include containerised or modular battery array, transformers and inverter area, switchgear and control room building(s), connection of EBI plant to the Hornsea Three Onshore Converter Station (ONCS), required access and internal roads, drainage systems, perimeter and internal fences, and required external lighting and lightning pylons. Development is located within the Hornsea Three ONCS area as consented by the Hornsea project Three Offshore Wind Farm DCO in	Approved	EXCLUDE: Approved January 2023. It is expected that construction for the EBI would likely finish by 2026 prior to the Project peak construction activity. Operational traffic would not be significant and maintenance only.

Application Reference	Location/ Local Planning Authority (LPA) Area	Description	Status	Summary of Highways Consideration
		December 2020. The application is accompanied by an environmental statement.		
2023/0617	Land North of Hickling Lane Swains-thorpe Norfolk	Construction and operation of a battery storage facility, underground cabling, fencing, drainage infrastructure, landscape planting and site access road on land to the north of Hickling Lane and up towards the National Grid Norwich Main Substation.	Approved	EXCLUDE: Approved September 2023. Construction has not yet commenced based on google imagery. Based on approval year construction should commence in September 2026. This would take 14 months to construct ending 2027 with peak activity within first few months during site set up (six to eight HGV and eight Light Good Vehicle (LGV) movements an hour). Therefore, it can be assumed construction activity would not coincide with the Project construction peak. Operational traffic would not be significant with maintenance visits only.
2023/3858	Land at Norwich Main Substation Mangreen Hall Lane Dunston Norfolk NR14 8PH	Underground point of connection cables (for battery storage development) located beneath non-operational land within the National Grid Norwich Main Substation.	Approval with condition	EXCLUDE: Approved December 2024. Connects to the planning application 2023/0617 and refers to relocated cable route.

Application Reference	Location/ Local Planning Authority (LPA) Area	Description	Status	Summary of Highways Consideration
TR010037	A47- A11 Thickthorn Junction. Approx 5.5 km southwest of Norwich City Centre.	Improvement of interchange between A47 and A11, improving access to Norwich.	Granted	EXCLUDE: Granted in October 2022 with change notice in July 2023. Scheme does not appear under construction. Does not fall on PARs. Consideration of works to be noted should they coincide with the Project peak construction activity.
EN0110014	Located south of Norwich and north of Harleston. The solar sites are concentrated east of Long Stratton, with an additional cluster located south of Great Moulton.	The project comprises the construction, operation, maintenance and decommissioning of a solar photovoltaic (PV) electricity generating station and associated development, including a Battery Energy Storage System (BESS), ancillary infrastructure, customer substations and Grid Connection Infrastructure (including a new National Grid Substation). The project will have a generating capacity of 500 MW.	Pre-application	EXCLUDE: In the EIA Scoping Opinion, it has been stated that that construction would last 24 months, but programme would be developed for the ES (Volume 6 of the DCO application). They do not appear to have included the commencement year, only stating it would be after the Long Stratton Bypass (2025). Indicative trip generations have been provided however, they have not yet been distributed onto individual links.
2018/0112	Land West of The A140 Long Stratton Norfolk	Land West of the A140: Hybrid Application on 40.8 ha of land to the west of the A140 seeking outline planning permission for 387 dwellings and 1.5 ha of Class B1 employment land, associated	Granted	INCLUDE: Development is expected to be built and fully operational in 2026. Therefore, as flows would not have been captured in the baseline or in

Application Reference	Location/ Local Planning Authority (LPA) Area	Description	Status	Summary of Highways Consideration
		infrastructure and public open space. Together with application for full planning permission for a western relief road (including a roundabout access at the north to the A140 and a priority junction access to Swan Lane at the south) and with phase 1 housing consisting of 213 dwellings, associated infrastructure and public open space.		TEMPPro, they would need to be added.
2024/0558	Land East of Norwich Road Scole Norfolk	<p>1. Full planning application for 106 residential dwellings (including affordable homes), garages, parking, vehicular access onto Norwich Road, open spaces, landscaping, drainage and other associated infrastructure.</p> <p>2. Outline planning application for a phased development of six self-build plots.</p>	Pending Decision	EXCLUDE: Minimal flows expected at the A140 Ipswich. Impact would not be significant, therefore, has not been included.
EN010109	Sheringham and Dudgeon Extension projects. SEP is to the north and east of Sheringham Shoal Offshore	Sheringham Extension project (SEP) has maximum installed capacity of 317 MW. Dudgeon Extension project (DEP) has maximum installed capacity of 402 MW. Joint export cable system, offshore and onshore, connecting to	Decision	INCLUDE: Start of construction planned for 2025 with either a three-year (single phase) or eight-year (two phase) programme. Potential for construction overlap with the Project peak construction

Application Reference	Location/ Local Planning Authority (LPA) Area	Description	Status	Summary of Highways Consideration
	Wind Farm (OFW). DEP is north and southeast of Dudgeon OFW	national grid transmission network at Norwich Main Substation.		activity. Average day flows to be used.
3PL/2011/0805/O	Croxton Road, Croxton, Norfolk	Comprehensive mixed use urban extension (up to 5,000 dwellings, 22.5 ha of employment land, local centres, three primary schools, green infrastructure, playing fields, other amenity areas and means of access).	Granted with conditions	EXCLUDE: A review of the annual monitoring report for Norfolk has been undertaken to determine whether this development has been accounted for in the Local Plan and TEMPro. This review concluded that the development has been captured within the Local Plan and TEMPro. Therefore, the anticipated flows have already been captured in the baseline.
2021/2083	Land West of East Carleton Road Bracon Ash Norfolk - Mr David Bryson	Screening Opinion for solar farm - installation and operation of 27 MWp ground-mounted solar photovoltaic panels and associated infrastructure over an area of approximately 30 ha.	Approved	EXCLUDE: Planning application is for an EIA Scoping Opinion - approved in September 2021. The construction phase of the Proposed Development is anticipated to last 20 weeks. During this time, vehicle movements are expected to comprise 10 car and 7 LGV trips, arriving in the morning and leaving in the

Application Reference	Location/ Local Planning Authority (LPA) Area	Description	Status	Summary of Highways Consideration
				evening. With regards to HGV movements, there is expected to be 4 tipper or small articulated vehicles per day – 8 two-way vehicle trips. No programme provided; however, construction and operational traffic would not be significant.
2023/1095	Land North Of Hickling Lane Swainsthorpe Norfolk – Novus Renewable Services Ltd	Request for Screening Opinion under the Town and Country Planning (EIA) Regulations 2017 in relation to proposed development of an Energy Storage System (ESS) and associated electrical infrastructure.	Decided - EIA Not Required	EXCLUDE: Planning application does not contain details regarding construction traffic numbers or a programme. Additionally, National Highways response to this planning application states 'Should a formal planning application be submitted, a full Transport statement would be required, principally for the construction traffic'.
2023/0655	Land Rear Of For Farmers Industrial Estate Mill Road Burston Norfolk – Cameron Brook	Installation of solar PV systems	Approved	EXCLUDE: Approved April 2024 - The deliveries outlined in the Transport Statement of this planning application highlights that the traffic generated during the construction period would not have a discernible impact on the safe operation of the local highway network. It states that

Application Reference	Location/ Local Planning Authority (LPA) Area	Description	Status	Summary of Highways Consideration
				construction traffic would be spread across the construction programme and are unlikely to conceded two HGV movements a day. It is anticipated that staff vehicle movements would be in the region of 14 two-way movements a day, which would primarily occur outside of the normal highway peak hours.
2023/3075	Norwich Main Substation Mangreen Hall Lane Dunston Norfolk NR14 8PG – National Grid	Screening Opinion for a new national grid electricity transmission substation.	Decided - EIA Required	EXCLUDE: Planning application is a EIA Scoping Opinion - decision that an EIA would be required. Note this links to planning application 2023/3858. Peak construction year assessed does not coincide with the Project peak construction year.
2023/1055	Land off Marsh Lane Bracon Ash Norfolk – Ralos Projects Ltd	Ground mounted solar panel array and ancillary equipment.	Pending	EXCLUDE: Submitted April 2023, with decision pending. In the Construction Traffic Management Plan (CTMP), the construction would take approximately 4-5 months. For the initial week of construction, 2-3No. HGV movements per day would be expected while

Application Reference	Location/ Local Planning Authority (LPA) Area	Description	Status	Summary of Highways Consideration
				the main bulk of materials are delivered to site. For the remainder of construction, 1No. HGV movement is anticipated per day. Once the solar array is operational it can be managed remotely, as explained in the Transport Statement, and would only require infrequent maintenance visits by an operative in a van which we estimate to be approximately 4 days per annum. Therefore, the traffic generated during the construction period would not have a discernible impact on the safe operation of the local highway network.
2024/1336	Land at Norwich Main Substation Mangreen Hall Lane Dunston Norfolk NR14 8PH - National Grid Electricity Transmission	Extension of the existing Norwich Main 400 kV Substation to the west and includes associated temporary access roads. Works include: Extension of the existing substation platform to the west by approximately 250 m x 188 m. Extension of main and reserve busbar to accommodate addition of customer bays. New bus sections. Bus couplers and circuit breakers.	Approved	EXCLUDE: Approved September 2024. Peak construction year assessed does not coincide with the Project peak construction year.

Application Reference	Location/ Local Planning Authority (LPA) Area	Description	Status	Summary of Highways Consideration
		Infrastructure works for customer connections. Extension of substation perimeter to accommodate the new infrastructure and the delivery of a minimum of 10% biodiversity net gain, linked with the proposed Landscape Mitigation Strategy.		
2021/0569	Land East Of Cranes Road Hethel Norfolk.	Proposed Development for installation and operation of ground-mounted solar farm and energy storage system. together with inverter platforms; control room; Distribution Network Operator (DNO) station; storage containers; battery storage; security fencing & CCTV; temporary construction compound; and enhanced landscaping & ecological management.	Approved	EXCLUDE: Granted Dec 2021 – Minimal traffic flows associated with the development for a duration of 20 weeks. Traffic flows associated with this planning application does not affect the PARs associated with the Project. Insufficient information in terms of the traffic distribution along the road network beyond the B1113.
2025/0806	Land West Of Wymondham Road Bracon Ash Norfolk	The installation of a Battery Energy Storage System (BESS) including associated infrastructure and landscaping	Pending	EXCLUDE: Pending consideration – construction and operational flows generated by this development, are anticipated to be low.
2024/3750	Hall Farm Land North Of Hickling Lane	The development of a 400 MW Energy Storage System, including a	Pending	EXCLUDE: Pending consideration – HGV construction and operational

Application Reference	Location/ Local Planning Authority (LPA) Area	Description	Status	Summary of Highways Consideration
	Swainsthorpe Norfolk NR14 8DS.	132-400 kV substation and associated infrastructure.		flows generated by this development, are anticipated to be low. In terms of the traffic flows associated with the construction workers, the location of where construction workers would travel from is unknown at this stage as it would depend on the appointed Main Works Contractor(s).
2023/2037	Land West Of Hethel Engineering Centre Chapman Way Hethel Norfolk	Hybrid Application: 1) Outline planning application (including access and scale) for the development of modern facilities to support Lotus' production requirements. Proposals include new manufacturing (B2), production (B2), logistics (B8) and office (E(g)) buildings. (Note: Logistics B8 is purely for Lotus requirements only). 2) Full application for new road infrastructure to facilitate masterplan and improve access by mitigating width restrictions to Potash Lane.	Approved	EXCLUDE: Approved with condition in October 2024. Access would be via would be accessed via our PAR B1135 Wymondham Road and anticipated to be operational in 2026. However, this should be captured within the TEMPro growth factor

Table A16.3.3 List of committed developments and transport schemes (Suffolk)

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
EN010077	East Anglia One North Offshore Wind farm	Offshore windfarm in the southern North Sea approximately 37.7 km from the Suffolk coast at its nearest point to Lowestoft	Approved	EXCLUDE: Planning consent awarded in 2022. There is not expected overlap of construction traffic with the PARs of the Project
EN010078	East Anglia Two Offshore Wind farm	Offshore windfarm in the southern North Sea approximately 32.6 km from the Suffolk coast at its nearest point off Southwold and 37.5 km to Lowestoft. The project is anticipated to have an operational capacity of up to 960 MW which is enough to power the equivalent of around 950,000 homes.	Approved	EXCLUDE: Planning consent awarded in 2022. There is not expected overlap of construction traffic with the PARs of the Project
EN010056	East Anglia Three (Tye Lane Bramford Suffolk) – closest point	Offshore windfarm approximately 69 km from the Suffolk coast and an onshore cable route to transport energy to a convertor station in Bramford	Approved	EXCLUDE: Planning consent awarded in 2017 and construction commenced in 2022. This proposed development would be operational before 2027. No significant traffic impacts are anticipated during the operational phases of this development
SCC/0105/22B	Brockley Wood Land off A12, Belstead, Suffolk, IP8 3JS	Extraction, processing and sale of sand and gravel, processing of inert waste materials and concrete batching with associated plant and related sales, associated access	Pending	INCLUDE: Application submitted in September 2022. Based on the Transport Assessment (TA), the Proposed Development should be operational in 2026,

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
		works, phased restoration using inert recovered materials and aftercare plan.		therefore, operational traffic would coincide with the Project peak construction activity.
DC/21/03287	Land North West of Stowupland Road Stowmarket Suffolk IP14 5AN	Full Planning Application - Residential Development of 258 dwellings (91 affordable) with new public open space, landscaping, access and associated infrastructure.	Approved	INCLUDE: Approved April 2023. Based on the assumption that the development would be constructed and operational by 2027, operational traffic would coincide with the Project peak construction activity.
DC/20/01036	Ashes Farm Newton Road Stowmarket Suffolk IP14 5AD	Application for Outline Planning Permission (access to be considered) - Erection of up to 300 dwellings, new vehicular access, landscaping, open space and drainage infrastructure.	Approved	INCLUDE: Approved September 2023. 2024 future year has been used, however, google maps satellite imagery suggests construction is yet to commence. It can be assumed that by the time the Project peak construction activity occurs, this development would be constructed and operational.
DC/22/00683	Land South of Tye Lane Bramford (Part in the Parishes of Flowton and Burstall)	Full Planning Application - Installation of a solar array, battery energy storage system and associated infrastructure and construction of vehicular accesses and roadways.	Withdrawn	EXCLUDE: Application was withdrawn in May 2024.
DC/21/06605	Land to the Rear of Ceva Logistics Norwich Road Mendlesham (In the	Planning Application - Erection of three warehouse units and external storage area (use class B8), new access from Norwich Road, parking,	Approved	EXCLUDE: Approved September 2022 with construction activity expected to finish in 2023. However, based

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
	Parish of Wetheringsett Cum Brockford) IP14 5NA	associated drainage and landscaping.		on google imagery and Ordnance Survey (OS) mapping the development does not appear to have been built yet. Uncertainty and associated flows are minimal therefore not included in the Project.
DC/17/05687	Former Sugar Beet Factory Sroughton Road Sroughton Ipswich IP1 5AL	Outline Planning Application - Development of an Enterprise Park comprising up to 90,000 sqm Gross Internal Area (GIA) of employment floorspace (B1/B2/B8), 9,000 sqm GIA of motor vehicle sales (sui generis), a local centre (accommodating with up to 1,250 sqm Net Internal Area (NIA) of retail floorspace including local retail and services (A1 and A2) restaurants, pubs and takeaways (A3, A4, A5) together with an 80-bed hotel (C1); new and improved access from Sroughton Road; together with the provision of landscaping, infrastructure (including movement (highways, parking, cycle and pedestrian routes), utilities (including gas, electricity, water, sewerage, telecommunications) and sustainable drainage systems), and engineering works (including demolition of existing structures and buildings, breaking-up and recycling of	Approved	EXCLUDE: Approved December 2018. Assessment has been undertaken for 2031 to align with the horizon year for the Local Plan Assessment. Based on google view large sections of the development have been constructed and are operational. Therefore, these flows would be accounted for in the baseline traffic flows. Additionally, as the development is included in the local plan, it has been assumed that these would be accounted for by the TEMPro growth factor.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
		hardstanding and ground remodelling and enabling works).		
DC/21/02671	Land North of The A1071, Ipswich (Wolsey Grange)	Outline planning permission (some matters reserved, access to be considered) Town and Country Planning Act 1990 - Erection of up to 750 dwellings, and up to 3 ha of primary education land, public open space, Sustainable Drainage Systems (SuDS), landscaping and highway improvements (accompanied by EIA Statement).	Approved	INCLUDE: Approved September 2023. Rate of construction 75 units per year starting in 2026 (construction phase period is 10 years). Construction and operational traffic would need to be included in the assessment.
DC/21/05110	Land To the South of Thompson and Morgan Poplar Lane Sproughton Suffolk	Hybrid Application. Outline Planning Application for Interchange 55 comprising predominantly industrial (B2 use) and warehousing (B8 use) and prospective offices, research and light industry (E(g) (I, ii, iii) uses) buildings. Full Planning Application for access to the development and associated landscaping.	Approved	INCLUDE: Approved in December 2022. Assessment was undertaken for 2025; therefore, it can be assumed that the site should be constructed, and that operational traffic would coincide with the Project peak construction activity.
DC/21/00060	Land To the East of The Channel, Burstall Hill	Full Planning Application - Installation of renewable led energy generating station comprising ground-mounted photovoltaic solar arrays and battery-based electricity storage containers together with substation, inverter/transformer stations, site accesses, internal access tracks, security measures, access gates, other ancillary	Approved	EXCLUDE: Approved February 2023. Based on this it is assumed that construction would commence in February 2026, and completed in 40 weeks, which would be prior to the Project peak construction activity. Operational traffic is not significant with three to five deliveries a day.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
		infrastructure, landscaping and biodiversity enhancements including Nature Areas.		
DC/20/05590	Holton Hall Farm Hadleigh Road Holton St Mary Suffolk CO7 6NN	Planning Application. Erection of a 28-bedroom community care, rehabilitation and respite centre following removal of existing caravan park buildings and relocation of four static homes.	Pending	EXCLUDE: Application was submitted in December 2020. Construction commencement year is uncertain but would take two to three months. Operational traffic would be minimal with an average of one vehicular movement every 10 to 15 minutes during the AM and PM peak hours.
DC/21/06346	Land Northwest of Moores Lane East Bergholt Suffolk	Application for a Lawful Development Certificate for a Proposed Use or Development. Town and Country Planning Act 1990: Section 192, as amended by Section 10 of the Planning and Compensation Act 1991. Town and Country Planning (General Management Procedure) (England) Order 2015 - Confirmation sought that following the implementation of planning application B/15/00673 (Erection of 144 dwellings including 360 sqm of single storey courtyard development to contain 4 B1 (business) units, public open space, associated landscaping and infrastructure) through the laying out and construction of a part of a road and	Decided – was lawful	INCLUDE: Decided February 2022. Based on google imagery the site is currently under construction. Assessment for the development traffic has been undertaken for 2025; therefore, it can be assumed that the site would be fully operational and would coincide with the Project peak construction activity.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
		the discharge of relevant pre-commencement conditions and planning obligations for Phase 0 continuation and completion of development of Phase 0 in accordance with the approved plans will be lawful. As such, these commencement works mean that the planning permission is now extant and will not lapse or expire.		
DC/21/06805	Land East of the Constable Country Medical Centre Heath Road East Bergholt Suffolk	Application under Section 73 of The Town and Country Planning Act 1990 - Variation of Condition 7 (Restriction On Operation Times) and Condition 8 (Restriction On Construction Times) of Reserved Matters Approval DC/20/04663 Dated: 08/12/2021 (Outline Planning Permission B/16/01092 - Mixed-use development including up to 75 dwellings, a preschool and a neighbourhood hub, comprising a swimming pool, office space and a local shop, public open space, and associated infrastructure and landscaping as amended by drawings received on 11 November 2016 (omission of school land)) to allow amendment to Operation Times and Construction Times.	Approved	INCLUDE: Evidence of construction on google imagery therefore assumption made that operational traffic would coincide with the Project peak construction activity.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
DC/22/06309	Anglian Water services Bury to Colchester Pipeline	Cross Boundary - Hybrid Planning Application - Full Application for Bury St Edmunds to Colchester 69 k Pipeline Scheme and associated above ground infrastructure at Raydon Water and Rushbrooke Water Treatment Works, Raydon Tee Chemical Dosing Site and Wherstead Water Reservoir. Outline Application for above ground infrastructure at Little Saxham Water Reservoir, Little Whelnetham, Nedging Tye Water Reservoir, Hadleigh Water Reservoir and Great Horkesley with all matters reserved except for Access (accompanied by EIA Statement).	Approved	EXCLUDE: Approval given in October 2023 and assumed main construction works would be completed over a period of 15 months. Therefore, would not coincide with the Project peak construction activity. Minimal operational traffic with one HGV and two LGV movements.
DC/22/06200	Land South West of Rendall Lane Stowupland Suffolk	Full Planning Application - Erection of a Factory (B2 - General Industrial) with offices.	Pending	EXCLUDE: Submitted in December 2022 and limited details provided on operational traffic, although noted that there would be a reduction of movements compared to the existing usage. No details provided on construction flows.
DC/23/04729	Bramford Solar Farm and Battery Storage Facility and on Adjoining Land, Land East of The Channel, Burstall,	Cross Boundary Planning Application – Installation of underground cable.	Approved	EXCLUDE: Approved January 2024. No construction related traffic documents identified on construction flows. Assumed would be constructed prior to

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
	(Part in The Parish of Bramford) IP8 4JL			the Project peak construction activity.
DC/23/04644	Land West of Blacksmiths Lane Earl Stonham	Planning Application – Erection of a Solar Photovoltaic Farm with associated substations and other supporting infrastructure including inverters and transformers, fencing, CCTV, and landscaping.	Awaiting decision	EXCLUDE: Submitted 2023 with planned construction over a nine-month period. Solar farm would generate minimal construction flows, around five to six HGVs a day with minimal maintenance visits throughout the year. Should this overlap with the Project peak construction activity these flows are not considered significant.
DC/23/05426	Land North of Lion Road Palgrave Part in The Parishes of Wortham and Diss	Cross Boundary Planning Application - Installation of a solar farm comprising ground mounted fixed tilt bifacial solar panels; access tracks; string inverters; transformers; electrical connection compound; storage containers; underground cables and conduits; perimeter fence; temporary construction compound and associated infrastructure and planting scheme. (EIA Development).	Awaiting decision	EXCLUDE: Submitted in November 2023. Unclear when construction would commence and if there would be an overlap with the Project peak construction activity. Peak activity would occur during months two to eight with an average of nine or 10 HGV movements a day. During normal operations, personnel would visit the site approximately once a month, in a light van or four-wheel drive vehicle. Assumption made that flows are not significant.
EN020002	Bramford to Twinstead	Construction and operation of a new double circuit electricity transmission	Granted	INCLUDE: Granted December 2024 at post decision stage.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
	Reinforcement - Overhead Transmission Lines	network reinforcement of approximately 29 km, consisting of overhead lines, underground cables, a grid supply point substation and associated development.		Construction to be completed in 2028. This would coincide with the Project peak construction activity.
EN010012	Sizewell C, Leiston, Suffolk, New nuclear power station	The proposed Sizewell C nuclear power station would comprise two UK European Pressurised Reactor (EPR) TM units, as shown on Plate 1.1, with an expected net electrical output of approximately 1,670 MW per unit, giving a total site capacity of approximately 3,340 MW.	Granted	EXCLUDE: Granted July 2022. Peak construction year 2028. Does not overlap with the PAR for the Project. However, noted that there may be an effect on the Strategic Road Network (SRN) on the A12, however it does not impact junctions to be assessed.
DC/21/02867	Land North Of A143 Palgrave Suffolk IP22 1AZ	EIA Screening Opinion Request for a proposed 90 ha Solar Farm.	Decided - EIA not required	EXCLUDE: Based on the transport assessment, the Proposed Development should be operational in 2026. Therefore, operational traffic would coincide with the Project peak construction activity.
DC/21/06273	Land Off Old Station Road And Glebe Way Mendlesham Stowmarket IP14 5RT	Application for Outline Planning Permission (access to be considered) Town and Country Planning - Erection of up to 40 No. dwellings (including 14 No. affordable homes and self-build plots); and construction of 2 no. new accesses to Old Station Road and Glebe Way.	Pending	EXCLUDE: Planning application submitted in April 2021 - awaiting decision. No traffic related documents available to inform our assessment.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
DC/23/05819	The East Anglia Three Offshore Windfarm Order 2017 Tye Lane Bramford Suffolk	Approval of Details reserved by Requirement 14: Onshore Cable Route Landscape Management Plan (Work No.s 5B to 20, 25 to 28, 41 and 52 to 61 pursuant to The East Anglia THREE Offshore Wind Farm Order 2017.	Approved	EXCLUDE: Planning application relates to East Anglia Three - construction commenced in July 2022 and should not coincide with the Project construction peak activity.
DC/24/01153	Gateway 14 (1600), Land Between The A1120 And A14 Creting St Peter Stowmarket Suffolk	Application for Reserved Matters following Outline Approval of DC/21/00407 Town and Country Planning (Development Management Procedure)(England) Order 2015 (as amended) - Submission of details for Appearance, Landscaping, Layout and Scale for the erection of buildings comprising commercial and employment use, open space and landscaping, car and cycle parking, highway works and other associated works, accompanied by EIA Statement (Gateway 14 - 1600).	Approved	EXCLUDE: Granted July 2024. Access to the wider highway network is via the A1120 to/from the A14 at Junction 50 to the north. To the south the A1120 provides access to the A1308 (for central Stowmarket) and the B1113 (for Needham Market). It is a development by Gateway 14 Ltd (wholly owned by Mid Suffolk District Council) and Jaynic. Therefore, should be captured within TEMPro.
DC/20/05895	Land To The South Of Church Farm, Somersham, And Land To The East Of The Channel, Burstall, In Suffolk	Full Planning Application - Installation of renewable energy generating station, comprising ground-mounted photovoltaic solar arrays and battery-based electricity storage containers together with substation, inverter/transformer stations, site accesses, internal access tracks, security measures, access gates, other ancillary infrastructure, landscaping and	Approved	EXCLUDE: Granted Feb 2023 - It is expected that there would be approximately four to five HGVs accessing the Site each day during the construction phase. There would also be construction workers arriving at the Site in the morning and departing in the evening, although the numbers involved are forecast to be relatively low

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
		biodiversity enhancements including Nature Areas.		and would occur outside of peak hours.
DC/22/00828	Former Sugar Beet Factory Sproughton Road Sproughton Suffolk	Application for approval of Reserved Matters following Outline Planning Permission DC/17/05687 dated: 03/12/2018 - Access, Appearance, Landscaping, Layout and Scale for construction of a further phase of infrastructure (Phase 2B) including 510 m of new roads, footway/cycleway, associated landscaping, access bell mouths and utilities (including gas, water, electricity, communications, drainage, sewerage and construction of new pumping station) for Development Areas 7, Part 6b, 9, 11, 12, 13, 15 and 17, 18 and Part 19.	Approved	EXCLUDE: Assessment has been undertaken for 2031 to align with the horizon year for the Local Plan Assessment. Based on google view large sections of the development have been constructed and are operational. Therefore, these flows would be accounted for in the baseline traffic flows. Additionally, as the development is included in the local plan, it has been assumed that these would be accounted for by the TEMPro growth factor.
DC/22/02667	Grange Farm Old Bury Road Palgrave Suffolk IP22 1AZ	Planning Application - Mixed use development comprising installation of a ground mounted solar PV farm; along with continued agricultural use, ancillary infrastructure, substation, security fencing, landscaping provision, ecological enhancements and associated works.	Approved	EXCLUDE: Granted November 2023 - construction year / programme does is not stated within the Transport Statement / CTMP. Minimal traffic flows over a short period of time, and no clear construction year / programme, therefore, has been excluded from assessment.
DC/23/02118	Land To The South Of Church Farm, Somersham IP8 4PN And Land To	Planning Application - Installation of renewable led energy generating station comprising ground-mounted photovoltaic solar arrays and battery-		EXCLUDE - Granted September 2023 - construction year / programme does not appear to be mentioned - The construction

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
	The East Of The Channel, Burstall Suffolk IP8 4JL	based electricity storage containers together with substation, inverter/transformer stations, site accesses, internal access tracks, security measures, access gates, other ancillary infrastructure, landscaping and biodiversity enhancements including Nature Areas ('Free Go' application following refusal of MSDC Ref: DC/20/05895) (accompanied by EIA Statement).		of the Proposed Development would take place over approximately nine months. Minimal traffic flows over a short period of time, and no clear construction year / programme, therefore, has been EXCLUDED from assessment.
DC/23/02362	Marsh Lane Solar Farm At Land North Of Lion Road Palgrave Suffolk	Request for a Scoping Opinion under Regulation 15 of the Town and Country Planning (EIA) Regulations 2017- Proposed solar farm and associated infrastructure.	Decided – EIA Not Required	EXCLUDE: In June 2023 decision was that an EIA would be required. No traffic related documents forming part of this application.
DC/24/05090	Land Adjacent To Bullen Lane Bramford IP8 4JN	Planning Application. Construction, operation and maintenance of a BESS with associated infrastructure and works including highway access, landscaping and biodiversity enhancements	Approved	EXCLUDE: Granted March 2025 - In terms of construction traffic, on average there would be a maximum of two HGV deliveries and 10 LGVs visiting the site per day. In terms of the traffic flows associated with the construction workers, the location of where construction workers would travel from is unknown at this stage as it would depend on the appointed Main Works Contractor(s). Once operational, the Site would be unmanned with operational activities limited

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
				to very occasional visits for maintenance.
DC/21/03005	Land East Of Gables Farm Bramford Road Bramford Suffolk IP8 4AX	Environmental Impact Assessment Screening Opinion Request for 115no dwelling development under Regulation 6 of The Town and Country Planning (Environmental Impact Assessment) Regulations 2017	Decided – EIA Not Required	EXCLUDE: Decision that no EIA is required was given on June 2021 – no traffic related documents associated with this planning application.
DC/24/05535	Land South Of Eye Airfield Industrial Estate Castleton Way Yaxley Suffolk IP23 8AW	Full Planning Application - Erection of a Battery Energy Storage System and associated infrastructure including access, drainage, landscaping and other incidental works.	Pending	EXCLUDE: Awaiting decision – construction route does not coincide with the Project PARs.
DC/20/01435	Land South East Of Gipping Road Stowupland Suffolk	Outline Planning Application (All matters reserved) Erection of up to 80 dwellings	Approved	EXCLUDE: Granted Oct 2020 – assessment year for operation is 2025. Additionally, based on google satellite imagery it appears the site has been constructed, therefore, associated flows around the local road network would have been captured within the baseline.
DC/21/01320	Land East of Hadleigh Road Somersham Suffolk	Use of land as private smallholding/kitchen garden and for the keeping of horses. Construction of riding arena, stables, borehole and shed, polytunnels, pig pen, chicken	Approved	EXCLUDE: Granted Jul 2021 – Change of use with limited associated flows and a notable distance from Primary Access

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
		coop and fencing/gates. Siting of 3no. storage containers.		Routes. No likely significant impact expected.

Table A16.3.4 List of committed developments and transport schemes (Essex)

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
EN010118	Longfield Solar Farm	Construction, operation (maintenance), and decommissioning of a solar PV array electricity generating facility and energy storage facility with a total capacity exceeding 50 MW and export connection to the National Grid, including extension of the existing Bulls Lodge Substation	Granted	EXCLUDE: Baseline scenario for construction (2025) and operational assessment year (2026) would not coincide with Project peak construction activity. Operational flows considered to be not significant with minimal sites visits for maintenance.
EN010138	Rivenhall IWMF and Energy Centre. Located on land at the former Rivenhall Airfield	Extension to generating station to enable electrical generating capacity of up to 65 MW together with associated development.	Granted	EXCLUDE: Granted in December 2024. The total number of vehicle movements would not be changed by the Proposed Development.
EN020033	Euro-link/Lion Link project	A proposed electricity link between Great Britain and the Netherlands that will supply up to 1.8 gigawatts (GW) of electricity and will connect to Dutch offshore wind via an offshore converter platform in Dutch waters. It is proposed that the project would involve the construction of a	Pre-application	EXCLUDE: EIA Scoping Report was submitted in March 2024. No construction details provided. Anticipated to take place between 2026 and 2030 with use of 2028 as the future baseline assessment year. Although this may coincide with

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
		converter station and the installation of offshore and onshore underground direct current cables (High Voltage Direct Current) to the onshore converter station and underground alternating current cables (High Voltage Alternating Current) between the converter station and the proposed Friston Substation.		the Project peak construction activity, there is insufficient details to include within assessment.
EN010115	Five Estuaries offshore wind farm	<p>Proposed extension to the operational Galloper Offshore Wind Farm, located 30km off the coast of Suffolk.</p> <p>Five Estuaries offshore windfarm has been allocated the same grid connection point to the North Falls offshore wind farm by National Grid Electricity Transmission, the East Anglia Connection Node (EACN) Substation that is part of the Norwich to Tilbury Project.</p>	Pre-application	INCLUDE: If approval is granted, Five Estuaries is proposed to start work in 2027 and become operational in 2030. The substations for both developments would be in proximity to (and connected to via underground cables) the EACN Substation. A haul road is proposed, and it has been agreed that this would be utilised by the Project. Worst-case flows are with North Falls (Scenario 1).
N/A	Nautilus Interconnector (East Suffolk)– connection of offshore wind between the UK and Belgium	Nautilus Interconnector is a proposed second Interconnector between Great Britain and Belgium.	Withdrawn	EXCLUDE

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
EN010119	North Falls offshore wind farm	<p>An offshore wind farm in the southern North Sea approximately 24.5 km from its nearest point at the Port of Lowestoft.</p> <p>North Falls offshore wind farm has been allocated the same grid connection point to the Five Estuaries offshore wind farm by National Grid Electricity Transmission, the EACN Substation that is part of the Norwich to Tilbury Project.</p>	Pre-application	<p>INCLUDE: If approval is granted, North Falls is proposed to start work in 2027 and become operational in 2030.</p> <p>The substations for both developments would be in proximity to (and connected to via underground cables) the new EACN Substation. A haul road is proposed, and it has been agreed that this would be utilised by the Project. Worst-case flows are with Five Estuaries (Scenario 2).</p>
EN020026	Sea Link project	<p>The Sea Link project is a consists of:</p> <ol style="list-style-type: none"> 1. Constructing a new converter station within 5 km of the proposed Friston Substation then HVAC underground cables between the substation and a converter station and then HVDC underground cables between the converter station and the coast. 2. Constructing a new offshore HVDC cable between Suffolk and Kent. 3. Constructing a new converter station within 5 km of the existing Richborough Substation with HVDC underground cables between the 	Pre-application	<p>EXCLUDE: Subject to gaining development consent, construction works would be expected to start in 2026 and be completed by 2030. No further construction details provided. Although this may coincide with the Project peak construction activity, there is insufficient details to include within assessment.</p>

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
		converter station and the coast at Pegwell Bay.		
EN010106	Sunnica solar farm, near Newmarket	The installation of solar photovoltaic generating panels and electrical battery storage technology on Sunnica East and Sunnica West, and associated infrastructure for connection to the national grid, including an extension to the National Grid Burwell Substation.	Granted	EXCLUDE: Granted July 2024. Peak construction was identified as 2023 assumed start in 2025 with 24-month construction programme. Operational flows would coincide with the Project peak construction activity. Operational flows considered to be not significant with minimal sites for maintenance.
DC/17/05687	Former Sugar Beet Factory Sroughton Road Sroughton Ipswich IP1 5AL	Outline Planning Application - Development of an Enterprise Park comprising up to 90,000 sqm GIA of employment floorspace (B1/B2/B8), 9,000 sqm GIA of motor vehicle sales (sui generis), a local centre (accommodating with up to 1,250 sqm NIA of retail floorspace including local retail and services (A1 and A2) restaurants, pubs and takeaways (A3, A4, A5) together with an 80-bed hotel (C1); new and improved access from Sroughton Road; together with the provision of landscaping, infrastructure (including movement (highways, parking, cycle and pedestrian routes), utilities (including gas, electricity, water, sewerage, telecommunications) and sustainable	Approved	EXCLUDE: Granted in December 2018 and assessment undertaken in line with Local Plan assessment. Based on google imagery construction has started. Assumed flows are captured within baseline traffic survey data and within TEMPro growth factor for future baseline.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
		drainage systems), and engineering works (including demolition of existing structures and buildings, breaking-up and recycling of hardstanding and ground remodelling and enabling works).		
21/01765/FULL	Highways Land, Dunton Road, Dunton, Basildon, Essex	Installation of underground cables and associated works between Crouch Solar Farm and Lower Dunton Road Substation (inclusive only of the area falling within Basildon administrative area) (Dunton Road and Lower Dunton Road).	Granted	EXCLUDE: Works are associated with Crouch Solar Farm which has been constructed. Minimal operation flows anticipated with regard to this application.
24/00004/OUT	Land South of London Road Billericay	Hybrid planning application comprising detailed planning permission for a new food store (Use Class E) with access, car parking, landscaping and other associated works; and outline planning permission (all matters reserved except means of access) for the erection of up to 130 dwellings (Use Class C3) (including market, affordable and self-build custom build dwellings) with access, parking, public open space and associated landscaping and infrastructure works.	Awaiting decision	EXCLUDE: Submitted January 2024 with proposed construction works completed by 2029. Potential for overlap with the Project peak construction due to delayed start. However, no details provided on construction programme or flows.
21/01783/LDO	Horizon 120 Business Park Off	Proposed Local Development Order for the creation of a Business and	Granted	INCLUDE: Granted in August 2021.Completion of the site is

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
	A131 London Road Great Notley Essex	Innovation Park comprising E(g)(i) (Office); E(g)(ii) (Research and Development); E(g)(iii) (Industrial Process); B2 (General Industrial) and B8 (Storage or Distribution) uses, and within Zone A of the proposed development a C1 (Hotel) (maximum 120 bed spaces); and buildings within the Horizon Hub area where the following uses will be permitted, subject to restrictions on internal floor area: E(a) (Shop; maximum 300 sqm); E(b) (Restaurant and Cafe; maximum 200 sqm); Gymnasium within Use Class E(d) (maximum 700 sqm); Ecafé (Medical or Health Services; maximum 150 sqm); Early Years Childcare, Day Nursery or Preschool within Use Class E(f) (maximum 350 sqm); 250 sqm for Sui Generis Event Space (excluding such space within a building principally used as a C1 Hotel); Sui Generis Bus Depot including welfare facilities; and associated structural landscaping and infrastructure – Amendments to the Approved Local Development Order (LDO) and Proposed Horizon 120 Wayfinding Strategy.		identified as 2030, however the start of construction delay by one year due to approval. Assumed 80% of operational trips identified within planning application TA would coincide with the Project peak construction activity.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
19/00739/REM	Land Adjacent to Braintree Road Crossing Essex	Development of up to 225 residential dwellings; associated access (including provision of a new roundabout on Braintree Road); public open space; play space; pedestrian and cycle links; landscaping; and provision of land for expansion of Crossing Primary School.	Granted	EXCLUDED: Granted September 2019 and shown as constructed on google imagery. Operational flows would have been captured within survey data.
21/03214/REM	Land Opposite Sandiacres Long Green Crossing Essex	Application for the approval of reserved matters (in respect of layout, scale, appearance and landscaping) pursuant to outline planning permission 18/00549/OUT granted 14 December 2020 (Allowed on appeal) for 250 dwellings, open space and associated ancillary works.	Granted	INCLUDE: Granted in March 2023. Construction has started as shown on google imagery and assumed to finish in 2029 due to delayed start. Operational flows are likely to coincide with the Project peak construction activity.
21/03735/FUL	Land West of Park Road Rivenhall Essex	Installation of solar farm and associated development.	Appeal Allowed	EXCLUDE: Approval July 2023. 16-week construction programme. Construction does not appear to have started on google imagery. Construction flows are likely to be 44 HGV two-way movements. Assumed will be constructed prior to the Project peak construction activity. Operational traffic is minimal with two LGV/car visits per month for maintenance.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
				Flows have been captured within TEMPro growth factor.
21/01878/FUL	Land East of Periwinkle Hall Links Road Perry Green Bradwell Essex	Construction and operation of a solar photovoltaic farm, with battery storage and other associated infrastructure, including inverters, security cameras, fencing, access tracks and landscaping.	Granted	EXCLUDE: Approval Dec 2021. 16-week construction programme. Construction appears to have been completed. Construction flows are likely to be 12 HGV two-way movements and 50 LGV/car two-way movements. Assumed will be constructed prior to the Project peak construction activity. Operational traffic is minimal with two LGV visits per year.
17/01979/OUT	Land Cranes Lane Kelvedon Essex	Outline planning permission for up to 125 dwellings and up to 2,000 m ² of employment floorspace (Class B1).	Pending	EXCLUDE: Application was submitted in 2017 and is still pending. No construction programme provided. Insufficient details to understand if there would be an overlap with the Project peak construction activity.
21/03579/OUT	Land South West of Coggeshall Road Kelvedon Essex	Outline planning application (with all matters reserved apart from access) for up to 600 dwellings, including up to 75 units sheltered housing accommodation, the proposed provision of a primary school, and provision of public open space including associated landscape	Pending	EXCLUDE: Submitted 2021, start date initially programmed for completion of Phase 1 2026 and full operation by 2030. Consultation comments noted February 2025. Unlikely to coincide with the Project peak construction activity.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
		planting with associated infrastructure, drainage measures, earthworks and provision of new footpath/cycleway route towards Coggeshall.		
22/01530/VAR	Land North of Colchester Road Coggeshall Essex	Variation of Condition 7 (Prior to first occupation) following grant of planning permission 19/02072/VAR Approved 16/019/2020 to vary planning permission 17/02246/OUT for: Outline application for the construction of up to 300 dwellings (including up to 40% affordable) nursery/community facilities (420 m ²) and provision of access, roads, drainage infrastructure, open space and strategic landscaping. Demolition of existing garage/ workshop building. Variation would allow condition to read: - 'Prior to the occupation of the 100 th dwelling, the improvement work shown in outline on WSP Drawing Number 26359-SK-04 P01 Colchester Road Coggeshall Off Site Highways Works dated October 2018 shall be completed in accordance with a detailed scheme submitted for approval by the Local Planning Authority in consultation with Highways England'.	Application Granted with S106	INCLUDE: Granted in April 2019. Google imagery shows construction work in 2023. Worst-case assume overlap of operational traffic with the Project peak construction activity.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
21/01525/OUT	Entire Land East of A128 South of A127 Tilbury Road West Horndon Essex	Additional submission following EIA Regulation 25 information request: (Shortened description). Please refer to the application form for full description) Outline application with all matters reserved apart from Access, for: the construction of a Garden Community which includes up to 3,700 dwellings, three care homes, five gypsy/travellers pitches, secondary and primary schools, children's nurseries and creches. Employment hub, village centre and neighbourhood hubs, mobility hub, community sports hub, football, hub, cricket ground, green and blue infrastructure, sustainable drainage system, accesses to A128 Tilbury Road, footpath and cycle link to the A127 and other associated infrastructure and works including noise barrier, demolition of structures and undergrounding of the overhead lines.	Pending consideration	EXCLUDE: Submitted September 2021 and documents being submitted in February 2025. Uncertainty on when the construction programme would commence, and no flows provided. Operation scenario tested was for 2033 therefore would not overlap with the Project peak construction activity.
22/00667/FUL	Park Farm Dunton Road Herongate Brentwood Essex CM13 3SG	Variation of condition 7 of application 21/00834/FUL (Construction and operation of a solar farm together with all associated works, equipment and necessary infrastructure) for the re-wording of condition 7.	Granted	EXCLUDED: Solar farm has been constructed. Operational traffic of up to eight two-way vehicle movements a month, therefore not significant.
21/00834/FUL	Park Farm Dunton Road Herongate	Construction and operation of a solar farm together with all associated	Granted	EXCLUDED: Solar farm has been constructed. Operational

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
	Brentwood Essex CM13 3SG	works, equipment and necessary infrastructure.		traffic of up to eight two-way vehicle movements a month, therefore not significant.
22/00047/FUL	Havering Grove Farm 552A Rayleigh Road Hutton Brentwood Essex CM13 1SG	Demolition of existing commercial buildings and hardstanding and cessation of outside storage uses and replacement with construction of four residential dwellings together with associated landscaping and access.	Granted	EXCLUDED: Accepted in July 2022. Change in use does not appear to have been undertaken from google imagery search. No construction flow provided. Minimal traffic flows from proposed housing therefore not significant.
20/00001/MAS	Strategic Growth Site North of Woodhouse Lane, Broomfield, Chelmsford, Essex	Masterplan for around 450 new homes, neighbourhood centre, early years and childcare facility, local open space and associated access and highway infrastructure including a new access into Broomfield Hospital.	Granted	EXCLUDED: Granted in 2020 and completion of construction was identified as 2028. Construction does not appear to have been started from google imagery search, therefore operational traffic unlikely to coincide with the Project peak construction activity. Construction flows have not been provided therefore overlap cannot be assessed.
20/02064/OUT	Strategic Growth Site North of Woodhouse Lane, Broomfield, Chelmsford, Essex	Outline application for residential development for up to 512 dwellings including affordable housing and custom build homes (Use Class C3), Local Centre (Use Classes E, F.1 and F.2), formal and informal open space, and associated infrastructure.	Pending	INCLUDE: Completion of development was planned for 2028, however application still pending. Construction flows may likely coincide with the Project peak construction activity.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
		All matters reserved except for primary access.		
22/00284/CM	Quarry And Premises, Moulsham Hall Lane, Great Leighs, Chelmsford, Essex	Continuation of development without compliance with condition 3 (applications details) and condition 74 (restoration timescale for original quarry area) of planning permission ESS/42/17/CHL to allow provision of a larger mineral and waste processing area and delay in the removal of the existing processing plant and restoration of the original quarry; and installation of additional mineral and waste processing facilities and provision of a new portal framed workshop. ESS/42/17/CHL is the extant planning permission for Extraction of an estimated reserve of 2.8 million tonnes of sand and gravel (from sites A38 and A39 as identified in the Minerals Local Plan 2014) and retention of existing access onto the A131, retention of existing sand and gravel processing plant (to be relocated within site A38), progressive restoration to agriculture using inert fill, installation of inert recycling facility, including screening and crushing to recover secondary aggregate.	No Further Action	EXCLUDE

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
23/01583/FUL	Strategic Growth Site 7A Moulsham Hall Lane Great L Fights Chelmsford Essex	<p>Hybrid planning application for EIA (Environmental Impact Assessment) development to include:</p> <ol style="list-style-type: none"> 1. Outline application with all matters reserved for residential development of up to 800 homes (Use Class C3) separate affordable and self/custom-build homes; a Neighbourhood Centre comprising commercial, business and service (Use Class E) of which the anchor retail store is not more than 500sqm (GIA); medical services (Use Class E café), a children's separate (Use Class E(f)) and a residential care home (Use Class C2) of up to 80 beds; a new primary school (Use Class F1); landscaping works, provision of strategic and local open space; biodiversity enhancements, all associated highways infrastructure, pedestrian, cycle, Public Right of Way (PRoW) and bridleway routes; drainage infrastructure and all associated ancillary works including services and utilities. 2. Full application for the principal means of vehicular access to the site, on site highways works, surface water attenuation basins and associated ancillary works including services and utilities. 	Pending	INCLUDE: Submitted October 2023. Potential for construction to overlap with the Project peak construction activity. Peak construction flows provided and used as worst-case.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
182723	Langham Oaks, School Road, Langham Colchester CO4 5PA	Full application for the erection of a new two storey school containing teaching and residential accommodation and demolition of single storey rear extensions at Langham Oaks School, School Road, Langham, Colchester, CO4 5PA.	Approved	EXCLUDE: Construction completed. No significant change to operational flows as a result of the changes. No change to pupil numbers and staff levels to increase by two members.
223183	Anglian Water Pipeline, Dedham to Great Horkesley	Proposed hybrid planning application for section of the proposed Bury St Edmunds to Colchester Pipeline Scheme with full planning consent sought for a pipeline and associated above ground infrastructure; and outline consent for above ground infrastructure.	Approved	EXCLUDE: Approved 2023. Assumed to have been completed prior to the Project peak construction activity. No operational flows provided, however assumed this would be infrequent and for maintenance.
231640	Land off, Hall Road, Copford Colchester	Creation of 50 two-, three-, four- and five-bedroom houses and associated infrastructure, plus public open space in the centre of the site and access works on Hall Road.	Approved	EXCLUDE: Approved December 2024 and construction has started. Construction programme 12 to 18 months therefore operational flows would coincide with the Project peak construction activity. However, flow considered not significant.
232762	Tey Brook Centre Brook Road Great Tay Essex CO6 1JE	Erection of 1no. Employment Units Class E, g (ii) and (iii), B2 and B8 use.	Pending	EXCLUDE: Approved April 2024. Construction programme over three-years. Therefore, operational flows would coincide with the Project peak

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
				construction activity. However, flow considered not significant.
ESS/36/21/BTE	Land at: Colemans Farm Quarry, Little Braxted Lane, Rivenhall, Witham, Essex, CM8 3EX	Proposed western extension to the current site using existing approved facilities (site access, plant site, mineral processing plant and other ancillary facilities); including for the diversion of the Burghey Brook; with restoration to arable land using imported inert restoration materials, and on-site materials in advance of the A12 road widening and improvement national infrastructure project.	Granted	EXCLUDE: Granted Jan 2023. Appears to be operational from google imagery. Therefore, operational flows would coincide with the Project peak construction activity. However, flow considered not significant (four HGV's an hour on to A12).
CC/CHL/85/21	Land between Beaulieu Park (north of Generals Lane), Boreham Parish, and Deres Bridge Roundabout on A131, Great & Little Leighs Parish, to the northeast of Chelmsford.	Chelmsford Northeast Bypass (CNEB): A single carriageway road between Roundabout 4 of the Beaulieu Park Radial Distributor Road (RDR1) and a new roundabout on the A131 at Chatham Green plus dualling of the existing A131 between Chatham Green and Deres Bridge roundabout. With one intermediate roundabout, three road overbridges and one pedestrian/cycle/horse overbridge. Together with other associated works and landscaping.	Granted	INCLUDE: Granted April 2022, and phase 1 construction to be completed 2025. Therefore, operational flows would coincide with the Project peak construction activity. It is understood that there would be an increase in baseline traffic flow from CNEB on the A131, however only a range is provided for peak hours. Therefore, as a worst-case, the future baseline has been retained in the assessment.
ESS/61/21/CHL	Land adjacent to Chelmsford City Racecourse, Great	Pyrolysis Plant to generate electricity from imported solid recovered fuel, associated building and offices.	Granted	EXCLUDE: Granted in September 2021. Construction appears to have started on

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	Leighs, Chelmsford, CM3 1QP			google imagery. Operational flows would coincide with the Project peak construction activity. However, flow considered not significant (one to two HGVs a day and 18 two-way movements in peak hours).
ESS/77/20/CHL	Land south of A1060 (Salt's Green), Chalk End, Roxwell, Chelmsford, CM1 4NJ	Sand and gravel quarry and associated works/development including formation of new access and mobile plant area; together with the importation of inert material to facilitate site restoration.	Granted	EXCLUDE: Granted February 2022. Operational flows would coincide with the Project peak construction activity. However, flows are noted as being reduced, therefore considered not significant.
ESS/01/18/CHL	Land at Sheepcotes Farm, Sheepcotes Lane, Little Waltham, CM3 3LU	The construction of an agricultural reservoir involving the extraction, processing and exportation of sand and gravel and soils; the erection and use of an on-site processing plant with ancillary facilities; and highway and access improvements. Together with the construction of an associated irrigation pipeline from the proposed abstraction point (River Chelmer at Langleys, Great Waltham).	Granted	EXCLUDE: Granted July 2019. Appears operation on google imagery. Therefore, operational flows would coincide with the Project peak construction activity. However, flow considered not significant (three to four HGVs an hour).
CC/CHL/07/17	Beaulieu Park Education Campus Site, Beaulieu, Chelmsford	Proposed development of the Beaulieu Park Schools Campus, consisting of a 1,200 place three storey Secondary School, 420 place two storey Primary School, 56 place	Granted	EXCLUDE: Granted April 2017 and appears constructed on google imagery. Therefore, operational flows would coincide with the Project peak

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
		single storey Nursery, Sports Hall with associated community facilities, hard and soft play areas, means of enclosure, landscaping, car parking, bicycle and scooter parking and associated infrastructure on a site of approx. 11.8 ha on land to the northeast of the junction of White Hart Lane (A130) and Essex Regiment Way, with vehicular access from Armistice Avenue and pedestrian access via Beaulieu Square, Chelmsford.		construction activity. However, development flows would be captured in baseline surveys.
CC/TEN/31/21	Land between the A120 and A133, to the east of Colchester and west of Elmstead Market	New link road between the existing A120 and A133 inclusive of a grade separated dumbbell junction at the A120, with new accesses to an existing petrol station (Ardleigh South Services) and Colchester Waste Transfer Station; a new roundabout at the junction with the A133; and two intermediate roundabouts along the link road. Together with other associated works and landscaping.	Granted	INCLUDE: Granted November 2021 and construction work for the first phase has started with completion due 2026. Therefore, the Link Road would be operational and coincide with the Project peak construction flows. Increase of flows noted at A120 Ardleigh Crown Interchange.
22/00539	20 Harwich Road Ardleigh Colchester Essex CO7 7LT	20 Harwich Road Ardleigh Colchester Essex CO7 7LT - Demolition of existing industrial units and erection of bespoke administration building with	Approved	EXCLUDE: Approved May 2022. Lack of information/details for construction or operational flows. However, not expected to have significant impact to baseline flows.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
		associated parking, landscaping and boundary treatments.		
22/00121/FUL	DTE Scaffolding Old Ipswich Road Ardleigh Colchester Essex CO7 7QR	DTE Scaffolding Old Ipswich Road Ardleigh Colchester Essex CO7 7QR - Proposed erection of two detached single storey buildings forming 10 commercial units Class E, B2 and B8 uses.	Approved	EXCLUDE: Approved January 2023. Lack of information/details for construction or operational flows. However not expected to have significant impact to baseline flows.
21/02070/FUL	Land adjacent to Lawford Grid Substation Ardleigh Road Little Bromley Essex CO11 2QB	Construction and operation of a 50 MW Battery Energy Storage System, and related infrastructure with associated access, landscaping and drainage.	Approved	EXCLUDE: Approved September 2022 appears to have been constructed. Operational traffic is minimal for maintenance with one to two LGV visits per month therefore not significant.
21/00688/FUL	Mulley's Farm Bentley Road Little Bromley Manningtree Essex CO11 2PL	Mulley's Farm Bentley Road Little Bromley Manningtree Essex CO11 2PL - Variation of Condition 4 (External Access to Formal Parking Area) of Planning Application ref: 18/01888/FUL, granted under appeal ref: APP/P1560/W/20/3250989 (Change of use of agricultural and storage buildings to mixed open use (B1, B2 and B8) and the erection of an extension following the removal of a lean-to structure) to provide a more practical design solution.	Approved	EXCLUDE: Approved October 2022. Assumes works undertaken and included in baseline flows. Flows unlikely to be significant and similar to existing.
20/00704/FUL	Badley Hall Little Bromley Road	Change of use of and alterations to agricultural storage buildings to	Approved	EXCLUDING: Approved April 2021 assumes works

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
	Ardleigh Colchester Essex CO7 7NF	B1(a), B1(c) and B8 uses with associated parking and installation of package treatment plant.		undertaken and included in baseline flows. Flows unlikely to be significant and similar to existing.
22/00006/LUEX	Ardleigh Caravan and Camping Park Dead Lane Ardleigh Essex CO7 7RH	Proposed continued additional use of the land with pitches for up to 14 touring caravans for holiday and recreational purposes between 1 March and 31 October in any year.	Lawful use certificate granted	EXCLUDE: Granted in February 2022. Application is for the continuation of the additional use of land; therefore, operational use should be already captured in baseline flows.
21/01184/LUEX	Ardleigh Caravan and Camping Park Dead Lane Ardleigh Essex CO7 7RH	Lawful development certificate for the storage only (not for occupation) of up to 250 (maximum) motorhomes/towed caravans. Proposed continued additional use of the land with pitches for up to 14 touring caravans for holiday and recreational purposes between 1 March and 31 October in any year.	Lawful use certificate granted	EXCLUDE: Granted in February 2022. Application is for the continuation of the additional use of land. Storage only and not for not for occupation, therefore, should not produce additional operational flows.
20/01582/AGRIC	Wick Farm Wick Lane Ardleigh Colchester Essex CO7 7RE	Proposed agricultural irrigation reservoir.	Approved	EXCLUDE: Approved in 2020. Based on google imagery this has been constructed.
20/00594/FUL	Land adjoining Ipswich Road and Wick Lane Ardleigh Essex CO7 7QL	Full planning for food storage and distribution facility and associated parking, logistics yard and offices (re-consultation: Supplementary Sequential Test Statement received 23/03/2022).	Approved subject to S.106	INCLUDE: Approved July 2023 to be operational in 2027. Operational traffic to coincide with the Project peak construction activity.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
20/01783/FUL	Systematic Business Park Old Ipswich Road Ardleigh Essex CO7 7QL	Construction of up to 30 'start-up' business units under flexible E(g), B2 and B8 use and associated development. (Additional application associated with Site - 22/01340/FUL Crown Business Centre Old Ipswich Road Ardleigh Colchester Essex CO7 7QR - Proposed erection of B8 storage and distribution units with ancillary mezzanine office space and associated access amendments, parking and landscaping).	Approved	INCLUDE: Approved December 2021. Appears constructed from google imagery but unknown when completed. Operational flows would coincide with the Project peak.
23/00136/FUL	Crown Business Centre Old Ipswich Road Ardleigh Colchester Essex CO7 7QR	Proposed erection of B8 storage and distribution units with ancillary mezzanine office space and associated access amendments, parking and landscaping.	Approved	INCLUDE: Approved December 2021. Based on google imagery the site appears under construction. Operational flows would coincide with the Project peak construction activity. However, the development predicted flows are expected to be reduced therefore have been removed from future baseline.
23/01033/DETAIL	Crown Quarry Old Ipswich Road Ardleigh Essex CO7 7QR	Reserved Matters Application for Access, Appearance, Landscaping, Layout and Scale following Outline Planning Permission 19/01939/OUT (for a business park development comprising of B1, B2 and B8 storage, the construction of a new internal access from the existing	Reserved Matters Approved	INCLUDE: Approved October 2023. Appears to be constructed on google imagery and operational. Operational flows would coincide with the Project. Flows to be included within as baseline data collected prior to this.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
		access road, relocation of the existing temporary quarry office to a new building together with associated car/cycle parking).		
23/01800/AGRIC	Wick Farm Wick Lane Ardleigh Colchester Essex CO7 7RE	Prior Approval Application under Part 6, Schedule 2 of the Town and Country Planning (General Permitted Development) (England) Order 2015 (as amended) for a new general purpose agricultural store.	Decided – Prior Approval not required	EXCLUDE: Decided 2024. Insufficient traffic related information provided to include within assessment. Unlikely to generate significant operational flows.
23/01763/FUL	The Pod Old Ipswich Road Ardleigh Colchester Essex CO7 7QL	New storage unit within the southwest corner of the existing workshop.	Approved	EXCLUDE: Decided January 2024. Insufficient traffic related information provided to include within assessment. Unlikely to generate significant operational flows.
ESS/01/18/CHL/N MA1	Land at Sheepcotes Farm, Sheepcotes Lane, Little Waltham, CM3 3LU	Non-material amendment to planning application ref: ESS/01/18/CHL (Construction of an agricultural reservoir) seeking a revised alignment of the site access road	Approved	EXCLUDE: Links to planning application ESS/01/18/CHL - granted July 2019. Appears operational on google imagery. Therefore, operational flows would coincide with the Project peak construction activity, although flows should be accounted for in baseline flows. However, flow considered not significant (3-4 HGVs an hour).
ESS/29/20/TEN	Land at Martells Quarry, Slough Lane, Ardleigh,	Proposed western extension to Martells Quarry for the extraction, processing, sale and distribution of	Approved	EXCLUDE: granted September 2021. Specific details for the regarding distribution beyond

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
	Essex, CO7 7RU - Sewells Reservoir Construction Limited	silica sand and gravel, and subsequent restoration using inert materials along with the creation of a new access.		Slough Lane are not sufficient for it to be included as committed development.
ESS/08/24/BTE/S PO	Land forming part of the Rivenhall Airfield/Bradwell Quarry, Coggeshall Road (A120), Braintree.	Erection of up to 45 hectares of low carbon greenhouses, with associated solar renewable energy provision, conversion of the existing Rivenhall RAF hangar to a vertical farm and associated supporting infrastructure including offices, packhouses, boiler houses, heat stores, day tanks, CO2 balloons and lagoons for drainage, irrigation and biodiversity.	Approved	EXCLUDE: granted March 2024. This is a EIA Scoping Onion which does not contain sufficient details to include within our assessment.
CC/CHL/30/23/SO	Chelmer Valley Park and Ride, Pratt's Farm Lane, Little Waltham, Chelmsford.	EIA Screening Opinion: Proposed expansion of Chelmer Valley Park and Ride together with associated works including changes to the internal site configuration, provision of additional landscaping and an attenuation pond	Approved	EXCLUDE: granted May 2023. This is an EIA Scoping Opinion which does not contain sufficient details to include within our assessment.
CC/CHL/110/23	Chelmer Valley Park and Ride, Pratt's Farm Lane, Little Waltham, Chelmsford.	Expansion and enhancement of Chelmer Valley Park and Ride, including an expansion of the car parking area to the north and east, pedestrian and cyclist improvements and the construction of a new substation. Together with other associated development, works and landscaping.	Approved	EXCLUDE: granted November 2024. Within documents is stats that there is no change in traffic flows expected in the 2027 opening year during any time period as the site has not yet reached capacity.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
ESS/51/24/BTE/S PO	Land at Rivenhall Airfield Coggeshall Road, Braintree, CO5 9DF.	<p>EIA Scoping Opinion Request for the following applications which are proposed to be submitted together: -</p> <ul style="list-style-type: none"> - Non-Material Amendment Application that would amend the wording of the description of development to move specific reference to the materials processed in the consented Integrated Waste Management Facility (IWMF) into relevant Condition(s) of the Planning Permission of the IWMF (ESS/39/23/BTE). - A Variation Application of ESS/39/23/BTE/“slot out” application to create a blank area within the IWMF footprint by reconfiguring the proposed layout of the consented IWMF elements. The Variation Application would not remove any element of the consented IWMF. The Variation Application would also provide for the import of bulky waste for treatment in the Materials Recovery Facility (MRF), provide details of the phasing of the development of the IWMF and propose other minor design changes. - An Outline Planning Application that proposes a Carbon Capture Use and Storage plant with Heat Offtake (CCUS-HO) within the blank area created by the 	Approved	EXCLUDE: granted October 2024. This is an EIA Scoping Opinion which does not contain sufficient details to include within our assessment.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
		Variation Application/"slot out" application.		
ESS/24/25/BTE	Land at Rivenhall Airfield, Coggeshall Road, Braintree, CO5 9DF.	Outline Planning Permission with all matters reserved (except for access) for the construction of a Carbon Capture, Usage and Storage Plant and Heat Offtake ('CCUS-HO') and associated stack, external pipelines, electrical cables, and landscaping works.	Pending	EXCLUDE: Associated traffic flows would not affect our PARs or connecting links.
20/00480/DETAIL	Land East of Bromley Road Lawford Essex CO11 2HS	Reserved matters application with details of appearance, landscaping, layout and scale pursuant to Phase 3 of outline permission (15/00876/OUT) including 100 dwellings, associated hardstanding, boundary treatments, landscaping and drainage.	Approved	EXCLUDE: granted December 2020. No traffic and transport documents associated with this planning application.
20/00547/OUT	Hamilton Lodge Parsons Hill Great Bromley Colchester Essex CO7 7JB.	Hybrid Application for Outline application for residential development including: 67 dwellings including up to 30% as affordable housing and all necessary access roads (Outline), All associated amenity space, landscaping, parking, servicing, utilities, footpath and cycle links, on-site drainage, and infrastructure works including gas and electricity apparatus (Outline), Residential development for 12 dwellings (Use Class C3) and	Approved	EXCLUDE: granted February 2022. No traffic and transport documents associated with this planning application.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
		associated access roads including formation of new junction to Parsons Hill (Detail), Formal and informal open space including village green and meadow (Use Class D2) including landscaping, parking, servicing, utilities, footpath links (Detail).		
20/00782/OUT	Land South of Long Road Lawford Essex CO11 2HS.	Outline planning with all matters reserved except for access for up to 76 no. dwellings and associated roads, hardstanding, fencing, outbuildings and drainage.	Approved	EXCLUDE: Granted May 2021 - assessed 2029 future year. Therefore, does not coincide with NT2 construction peak activity for the affected PARs/junctions.
21/00197/DETAIL	Land to The South of Long Road and to West of Clacton Road Mistley Essex CO11 2HN.	Reserved matters application with details of appearance, landscaping, layout and scale pursuant to the residential element of outline permission (17/01181/OUT - Approved under appeal APP/P1560/W/19/3220201 and separately 21/00213/OUT) including up to 485 dwellings, up to 2 hectares of employment land (A2/A3/B1/B2; B8; D1 uses), with associated public open space and infrastructure.	Approved	EXCLUDE: Granted December 2021 - No traffic and transport documents associated with this planning application.
21/02042/EIASC	Land adjoining Ipswich Road and Wick Lane Ardleigh Essex CO7 7QL	EIA Screening request for proposed food storage and distribution facility and associated parking, logistics yard and offices.	Closed	This planning application has been excluded as the application was closed in February 2022.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
22/00958/FUL	Land South of Long Road Mistley Essex CO11 2HN	Proposed local convenience store and 80 no. dwellings and associated roads, hardstanding, fencing, outbuildings and drainage.	Approved	EXCLUDE: Granted March 2023. The flows associated with this planning application would not affect our PARs or connecting links associated with the Project.
24/00255/FUL	Gods House Farm Harts Lane Ardleigh Colchester Essex CO7 7QQ.	Planning Application - Construction of one x 2 bedroom and two x 3 bedroom dwellings with associated boundary treatments, hard and soft landscaping and EV charging points (in lieu of Class Q prior approval for one x 1 bedroom, one x 2 bedroom and one x 3 bedroom dwellings). Re-Submission of withdrawn application - 23/01152/FUL.	Approved	EXCLUDE: Granted May 2024. No traffic and transport documents associated with this planning application.
231153	Land to the east of, Newbarn Road, Great Tey.	Erection of 30 dwellings and 1 ha of public open space and access from Newbarn Road.	Approved	EXCLUDE: Granted December 2023. No traffic and transport documents associated with this planning application
231776	Land South of, School Road, Langham Colchester, CO4 5PA - Rose Builders – Mr Will Vote	Outline application for erection of 30 houses with a new access onto School Road, Langham. All matters reserved.	Approved	EXCLUDE: Granted August 2023. No traffic and transport documents associated with this planning application
240279	Last East of, Fiddlers Hill, Fordham Heath Colchester.	The restoration of wetland features and habitats at Fiddler's Hill Meadow through naturalising the river with its floodplain by lowering the river bank	Approved	EXCLUDE: Granted January 2025. No traffic and transport documents associated with this planning application.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
		at two locations (maximum 60cm deep) and the excavation of very shallow scrapes (maximum 30 cm deep) and ponds (maximum 90 cm deep). Extension of fen habitat (maximum 30 m deep), tree planting and the installation of interpretation boards. Re-use of excavated soil on site outside of the flood zone to extend scrub, hedgerow and woodland habitats.		
200995	Land to the rear of 306 to, 314 London Road, Stanway Colchester CO3 8LT.	Phased construction of 31 single and two bedroom Almshouses in one and two storey configurations with associated access, parking and external works. Demolition of existing alms houses.	Pending	EXCLUDE: No traffic and transport documents associated with this planning application.
201503	Land to North/South of, Tollgate West, Stanway Essex.	Application for approval of reserved matters following outline approval (193133).	Approved	EXCLUDE: Granted October 2020. No traffic and transport documents associated with this planning application.
201686	Land south of West Bergholt Cricket Club, Colchester Road, West Bergholt Colchester.	Outline application for up to 18 dwellings with access to be determined and all other matters reserved.	Approved	EXCLUDE: granted December 2021. Traffic flows associated with this planning application does not affect the PARs or connecting links associated with the Project.
250273	Land Adjacent To 32, Colchester	Full application for 61 dwellings and associated roads, hardstanding, fencing, outbuildings, drainage,	Pending	EXCLUDE: Traffic impact assessment was undertaken for 2029 on Colchester Road site

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
	Road, West Bergholt Essex CO6 3JG.	pump station and electrical substation.		access. No additional information on how it is distributed along the network.
250545	Land North of, Coach Road, Great Horkesley Colchester.	Outline planning permission (all matters reserved, except for access) for up to 150 dwellings (including affordable housing), a car park, public open space, landscaping, children's play area, sustainable drainage, infrastructure and all other associated infrastructure	Pending	EXCLUDE: Development assessment year is 2030, therefore, does not coincide with the Project peak construction activity.
21/00850/OUT	Land West Of Boars Tye Road Silver End Essex.	Outline planning permission with all matters reserved apart from access, for up to 94 dwellings and new landscaping, open space, access, land for allotments and associated infrastructure.	Approved	EXCLUDE: Appeal approved October 2021 - year tested to be operational is 2026, therefore would ideally need to be included within our baseline. However, the traffic distribution provided is only along Boars Tye Road (access location) towards Galleys Croner, thus the distribution along the highways network beyond this is not known. Consequently, the information provided is insufficient for it to be included as committed development.
24/02673/FU	Land South West Of Cressing Temple Witham Road Cressing Essex.	Solar Farm with up to 13.8 MWac of export capacity, comprising the installation of solar photovoltaic panels and associated infrastructure including customer substation, DNO	Approved	EXCLUDE: Granted June 2025 - construction year / programme is not mentioned. The construction period would last approximately four and a half

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
		substation, inverter and transformer substations, customer cabin, spare parts container, storage containers, maintenance tracks, fencing, security cameras, landscape planting, swales and associated works including grid connection.		months (18 weeks). Minimal flows associated with the development, with construction worker trips to be finalised.
22/01324/EIASO	Zone 3, Chelmsford Garden Community, Beaulieu Parkway, Chelmsford.	Chelmsford Garden Community – Zone 3 (Halley Developments) – Request for an EIA Scoping Opinion for an outline planning application with all matters reserved, for a mixed-use garden community comprising up to 1,500 dwellings and up to 100 units of retirement accommodation, public open space including the Channels Discovery Park, formal sports pitch provision and pavilion, new roadways, pedestrian and cycle routes, access roads, transport infrastructure including buses, bus gates and connections to mobility hubs, diversion of some existing Public Rights of Way and the stopping up of some lengths of public highway.	Decision – EIA Required	EXCLUDE: Decision that EIA is required decided on September 2022 - details are only for an EIA Scoping Report. Therefore, insufficient to be included within our assessment.
21/02050/CM	Broomfield Hospital Hospital Approach Broomfield Chelmsford CM1 7ET.	CNEB: A single carriageway road between Roundabout 4 of the Beaulieu Park Radial Distributor Road (RDR1) and a new roundabout on the A131 at Chatham Green plus dualling of the existing A131	Unknown	EXCLUDE: decision was issued April 2022. No traffic and transport related documents.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
		between Chatham Green and Deres Bridge roundabout. With one intermediate roundabout, 3 road overbridges and 1 pedestrian/cycle/horse overbridge. Together with other associated works and landscaping.		
21/02490/OUT	Banters Field Main Road Great Leighs Chelmsford Essex.	Application for outline planning permission for the development of an integrated retirement community comprising up to 190 units (C2 use) with all matters reserved except for access.	Pending	EXCLUDE: assessed 2027 as the future year. Traffic flows associated with this planning application are minimal.
22/01113/SCOPE	Land At Moulsham Hall Moulsham Hall Lane Great Leighs Chelmsford Essex.	EIA Scoping Opinion for the proposed development at Strategic Growth Site 7a: Great Leighs - Land at Moulsham Hill.	Pending	EXCLUDE: planning documents are only sufficient for an EIA Scoping Report. Therefore, insufficient to be included within our assessment.
24/00695/FUL	Land South East Of Banters Lane Business Park Banters Lane Great Leighs Chelmsford.	Construction of 105 residential dwellings including affordable housing and custom build housing (Use Class C3) and principal means of site access, provision of resident's and visitor car parking, open space including children's play space, a new shared pedestrian/cycle route, enhancements to existing routes, hard and soft landscaping, highways works, new drainage basin, and all associated infrastructure works	Pending	EXCLUDE: the traffic assessment was undertaken for the future year of 2041. The flows associated with this planning application are not anticipated to coincide with the Project peak construction activity.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
23/01751/OUT	Zone 2 Chelmsford Garden Community Beaulieu Parkway Chelmsford.	Outline planning consent for a mixed use Garden Community to be delivered in severable phases with all matters reserved (save for where full details are submitted for a new access junction from Beaulieu Parkway - RDR1) for residential development; mixed use development comprising employment, commercial, retail, leisure, community and education facilities; specialist residential accommodation for the elderly; serviced land for a travelling show people site; green and blue infrastructure including a new Nature Park, public open space and sports facilities; sustainable transport infrastructure including two active travel bridges crossing Chelmsford North East Bypass; new highways including part of the Northern Radial Distributor Road; utility and infrastructure work; site restoration and preparation works and demolition of structures; and associated and ancillary development.	Pending	EXCLUDE: the traffic assessment was undertaken for the future year of 2041. The flows associated with this planning application are not anticipated to coincide with the Project peak construction activity.
23/00124/OUT	Zone 3 Chelmsford Garden Community Beaulieu Parkway Chelmsford	Application for Hybrid planning permission at Powers Farm, Chelmsford;	Pending	EXCLUDE: the traffic assessment was undertaken for the future year of 2041. The flows associated with this

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
		<p>Outline Planning Permission with all matters reserved except means of accesses from/to the proposed Northern Radial Distributor Road (NRDR). Residential development of up to 1250 units, which comprises market/affordable and single family rental / Build to Rent. Provision of Discovery Park North which will include open space, landscaping, formal sports pitches, pavilion and associated car parking. Internal vehicular carriageways, footways, cycleways and all pedestrian routes with associated landscaping and green infrastructure. Phased development (each and every phase (and/or sub-phase) being a separate and severable part of the development.</p> <p>Detailed planning permission for two spine roads north/south carriageway(s), cycleway(s) and footway(s) from/to the proposed NRDR and one east/west spine road to Great Belsteads Village. Drainage and SUDs throughout the development with all associated engineering works including strategic ground re-profiling, stockpiling, and below ground works</p>		<p>planning application are not anticipated to coincide with the Project peak construction activity.</p>

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
21/01545/OUT	Land North Of Warren House Roxwell Road Writtle.	Outline application for Strategic Growth Site 2 comprising up to 880 new homes, primary school with co-located early years and childcare nursery, travelling showpersons site for five serviced plots, sports facilities including a pavilion/community centre, neighbourhood centre (including retail, community, healthcare, office and residential uses), plus associated landscaping and habitat creation, public open space and play facilities, roads and infrastructure (all matters reserved except access), together with a detailed scheme in the south east corner for Phase 1A comprising 311 no. houses plus associated roads, parking and infrastructure (Landscaping reserved for Phase 1A).	Pending	EXCLUDE: the traffic assessment was undertaken for the future year of 2032. The flows associated with this planning application are not anticipated to coincide with the Project peak construction activity.
23/01519/FULL	Land Lying To The West Of Heath Close Billericay Essex.	Erection of 32no. Houses and a 30 unit sheltered housing facility with associated access and a pumping station.	Pending	EXCLUDE: opening year and trip distribution along the highway network is unclear. The information provided is insufficient for it to be included as committed development.
24/00729/FULL	Land To The East Of Lower Dunton Road Dunton Basildon Essex.	Redevelopment of the site to provide 146 residential dwellings (Class C3); provision of strategic landscape; provision of new vehicular and	Pending	EXCLUDE: Assessed years for traffic flows are 2029 and 2034 which are outside the Project construction peak activity.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
		pedestrian access routes and associated infrastructure.		
20/01614/OUT	Land North Of Kennel Lane Billericay Essex.	Outline planning application with all matters reserved, except means of access, for the erection of up to 200 homes; new vehicular access comprising a new arm off the Laindon Road, A176 and Noak Hill Road roundabout; realignment of Kennel Lane to join the new access and associated closure of the Kennel Lane spur; together with car parking, landscaping, surface water drainage basins and associated works.	Pending	EXCLUDE: Assessed years for traffic flows are 2029 which is outside the Project construction peak activity.
21/00758/FULL	Crouch Solar Farm Site Dunton Road Dunton Basildon Essex.	Construction and operation of a solar farm together with all associated works, equipment and necessary infrastructure.	Approved	EXCLUDE: Granted Jan 2022 - Crouch Solar Farm which has been constructed. Minimal operation flows anticipated with regard to this application.
22/00748/FULL	Test Track At Ford Research And Engineering Centre West Mayne Dunton Basildon Essex.	Construction of a solar farm of 4.5 MWp comprising of ground mounted solar panels and associated works along the test track at Ford Research and Development Centre.	Approved	EXCLUDE: Granted February 2023 - no traffic assessments included within the planning application. Therefore, insufficient information available to be included within our assessment.
24/01239/FULL	Land At Lower Dunton Road Langdon Hills Basildon Essex.	Proposed up to 368 MW battery storage facility (BESS) and associated infrastructure including	Pending	EXCLUDE: Awaiting decision - does not affect PARs and traffic distribution along the A13 is not provided. However, daily

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
		cabling, boundary treatment and access works.		construction flows are anticipated to be low (4 delivery vehicles per day, peak of 20 staff would be employed at the construction site although most would travel to site via minibuses). Once operational the site would generate a single maintenance vehicle every one or two weeks. The vehicle would be a transit sized van.
24/00762/OUT	Land West Of Laindon Road Billericay Essex.	Outline application with all matters reserved except access onto Laindon Road for the erection of up to 250 homes; new vehicular access off Laindon Road; new pedestrian and cycle access points; together with car parking, landscaping / green infrastructure, surface water drainage basins and associated works.	Approved	EXCLUDE: Granted April 2025. Assessment was undertaken at junctions, however, the appendices containing the information we would need to include within our assessment does not appear to have been uploaded/submitted within the planning application.
25/00464/OUT	Land At Greens Farm Lane Billericay Essex.	Outline planning application with all matters reserved except for access, for the construction of up to 310 residential dwellings within two separate parcels of land - Northern Parcel - up to 255 dwellings including affordable housing, together with vehicular access from Greens Farm Lane, pedestrian/cycle access from Outwood Common	Pending	EXCLUDE: Awaiting decision. Transport assessment was undertaken for the years 2029 and 2034. It does not appear to affect the Project PARs. Additionally, the traffic information provided is insufficient for it to be included as committed development.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
		<p>Road, a sustainable drainage system with associated earthworks; a circa 8.7 hectares of parkland together with other incidental green spaces (including for recreation, play space and biodiversity), internal footways, cycleways roads, utility buildings and ancillary structures.</p> <p>Southern Parcel - up to 55 dwellings including affordable housing, together with vehicular access from Greens Farm Lane, a sustainable drainage system with associated earthworks; incidental green spaces (including for play space and biodiversity), internal footways, cycleway, roads, utility buildings and ancillary structures.</p>		
25/00500/SCOPE	Land North And South Of Dunton Road Laindon Essex.	EIA Scoping Opinion Request for a residential led mixed use development. The Proposed Development will comprise up to 1,100 residential dwellings, a local centre comprising business, retail, leisure, sports and hot food takeaway uses, community uses, a Primary School, public open space, vehicular accesses and associated infrastructure groundworks and engineering operations.	Closed	EXCLUDE: This planning application has been excluded as the application was closed in May 2025.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
25/00541/OUT	Land West Of Mandeville Way Laindon Basildon Essex.	Outline Planning Application (all matters reserved except for means of vehicular access into the site from Mandeville Way and Lower Dunton Road) for residential development of up to 375 dwellings (Use Class C3) and an early years childcare facility (Use Class E), together with car parking, public open space, landscaping, drainage, and other associated works.	Pending	EXCLUDE: Awaiting decision - the future baseline is 2030 which does not coincide with the Project construction peak activity
19/00782/EIASO	Horndon Industrial Park Station Road West Horndon Essex	EIA – Screening Opinion – Development of the site to include a mixed-use, residential led scheme including the provision of up to 750 new residential units (comprising a mixture of houses and apartments) with approximately 2700 m ² of retail/A1/A2/A3/A4/A5/D1/D2 and B class employment within existing buildings (Clocktower House and Systems House) that will be retained and refurbished.	Decided – EIA Not Required	EXCLUDE: Decided on June 2019, that the planning application is not an EIA development. No traffic related documents contained within the planning application.
21/01939/EIASO	Officers Meadow Chelmsford Road Shenfield Essex	EIA – Screening development for a proposed development comprising up to 825 residential dwellings, a residential care home, co-located primary school and early years and childcare nursery and employment land.	Decided – EIA Not Required	EXCLUDE: Decided no EIA required in Dec 2021. No traffic related documents associated with this planning application.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
23/01393/EIASO	Land to the South of West Horndon Railway Station Station Approach West Horndon Brentwood Essex CM13 3TZ - James Jaulim	EIA Scoping Opinion for the proposed development at land within and south of West Horndon Station.	Decided – EIA Not Required	EIA Scoping Opinion issued in Dec 2023. No traffic related documents associated with this planning application.
24/01263/FUL	Land Adjacent To Billericay Power Generation.	Construction and operation of a Solar PV Farm together with ancillary infrastructure and equipment, landscaping and access.	Approved	EXCLUDE: granted April 2025. Construction route does not coincide with our PARs or connecting links. Minimal traffic associated with the operational phase.
24/02658/FUL	Proposed Solar Farm Land East Of Littlebury Coggeshall Road Feering Essex	Installation of Solar Farm with Associated works	Granted	EXCLUDE: Granted in Apr 2025 with construction likely in 2026. First month of construction period will have highest vehicle movements during site set up Minimal impact on traffic with predicted flows of eight movements expected and unlikely to coincide with Project peak construction traffic.
18/00254/FUL	Land South West of Spinney House Cow Watering Lane Writtle Chelmsford Essex	Change of use of land to equestrian grazing and construction of permeable all-weather access tracks Land South West Of Spinney House Cow Watering Lane Writtle Chelmsford Essex	Granted	EXCLUDE: Permitted in 2018 therefore expected to be operational and movements included within baseline traffic flows.

Table A16.3.5 List of committed developments and transport schemes (Thurrock)

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
TR010032	Lower Thames Crossing	New road crossing connecting Kent, Thurrock and Essex. Approximately 14.5 miles (23 km) in length, it will connect to the existing road network from the A2/M2 to the M25 with two tunnels (one southbound and one northbound) running beneath the River Thames.	Granted	INCLUDE: Scheme granted consent in spring 2025. Construction flows would coincide with the Project peak construction activity.
EN010092	Thurrock Flexible Generation Plant. North of the existing Tilbury National Grid Substation	Construction and operation of Gas Reciprocating engines with up to 600 MW electrical capacity and Battery Storage with up to 150 MW electrical capacity.	Granted	INCLUDE: Construction start year was proposed as 2022. However, this has been delayed. The minimum construction period for a single-phase (three proposed) development is expected to be 12-months and maximum 24-months. Construction may last between four and a half to six years. Each phase may be back-to-back or there may be a gap of around nine months between phases, depending on market conditions. Construction traffic does not overlap on the Project PARs. However, cumulative flow could occur at the Asda Roundabout, M25 J30 and potentially the Orsett Cock Roundabout. Junction modelling to take account construction flows.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
06/00663/TTGCN D	Cory Waste Management Mucking Wharf Road Stanford Le Hope Essex SS17 0RN	Proposals for the restoration of the former sand and gravel working site without complying with conditions 2, 4,14,42 and 43 of planning permission APP/M1595/A/00/1035822 granted by the Secretary of State on appeal on 20 September 2001(which in turn was a planning permission to develop the site without complying with conditions 1, 6, 7, 8 and 9 of planning permission THU/806/85 dated 9 June 1986). It is proposed that modified conditions should be submitted for the above conditions.	Approved	EXCLUDE: The proposal is deemed to have already been completed (assessment years of 2008 and 2011 within ES).
21/01812/FUL	Land Adjacent and to the Rear of The George and Dragon East Tilbury Road Linford Essex	Detailed planning application for the construction of 230 affordable dwellings with associated parking, access, landscaping, open space and infrastructure.	Approved	INCLUDE: Development planned to be fully operational in 2026. Therefore, operational traffic would overlap with the Project peak construction activities.
20/01491/FUL	Sub Station Lower Dunton Road Bulphan Essex	Battery energy storage facility with associated access road, security fence and infrastructure.	Approved	EXCLUDE: Evidence of construction on site using Google Street view. 20-week construction programme. Unlikely to overlap with the Project peak construction activity. Also noted that minimal impact on traffic with predicted flows averaging at around two HGVs per day for the majority of the construction

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
				period, with eight to ten staff vehicles per day.
19/01709/FUL	Ingrebourne Valley Ltd Orsett Quarry Buckingham Hill Road Linford Essex SS17 0PP	Mineral extraction and processing at Orsett Quarry and extension into adjoining land at Walton's Hall Farm, erection of a processing plant and ancillary activities, importation and treatment of reclamation material with progressive restoration to farmland with landscape planting [Revised plans and documents].	Awaiting decision	INCLUDE: It is intended that the extraction/importation works would take approximately 23 years from 2019 in total to complete. Anticipated that there would be an overlap with the Project peak construction activity.
19/00052/CV	National Power PLC Tilbury Power Station Fort Road Tilbury Essex RM18 8UJ	Application for the variation of conditions No. 3 (Restoration Date) to allow extension of time to complete works, 4 (Phasing Strategy Area A2) and 5 (Phasing Strategy Area B) of Application Reference Number: 13/00497/FUL (Recovery for beneficial use of pulverised fuel ash deposited on Tilbury Power Station ash disposal site areas A2, A3 and B).	Awaiting decision	EXCLUDE: Construction route via Tilbury Port/Fort Road therefore does not overlap with PARs to the Project construction peak activities.
23/00254/CONDC	Units 1 To 4 Coward Industrial Estate St Johns Road Chadwell St Mary Essex	Application for the approval of details reserved by condition no. 5 (CEMP) of planning permission ref. 22/00321/FUL (Alteration to units 1-4 to form five units within the existing footprint of the building by reconfiguring the parenting party walls. New roof cladding and wall cladding to the front elevation. Existing wall cladding at the side and rear elevations to be repaired and	Awaiting decision	EXCLUDE: Reduction in operational traffic (decrease of 12 movements). Construction deemed negligible based on the size of the proposed scheme.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
		redecorated. New windows and fire doors, with accessible toilets. Creation of 25 additional parking spaces.) Units 1 To 4 Coward Industrial Estate St Johns Road Chadwell St Mary Essex.		
23/00257/NMA	Land Adjacent Blackshots Stadium and Stanford Road Grays Essex	Application for Non-Material Amendments relating to the installation of additional plant, minor landscaping and boundary revisions and minor elevational changes of planning permission 21/01309/FUL [Development of a new secondary school with associated sports facilities, access, parking, highway improvements, landscaping and ancillary works].	Approved	INCLUDE: Development is expected to be built and fully operational in 2026. Operational traffic to include in the assessment for both PARs and junction modelling.
23/00554/FUL	Berth 40A Tilbury Freeport Tilbury Essex RM18 7EH	Construction and operation of a cementitious products importation, manufacture and distribution facility.	Approved	EXCLUDE: Construction route does not overlap with PARs to North Tilbury construction peak activities. Although consideration given for multi-modal assessment and use of Tilbury Port.
23/01255/OUT	Land Adjacent Bulgenen House and Wick Place Cottage Brentwood Road Bulphan Essex	Outline planning application (with all matters reserved) for the erection of a Crematorium including a wetland sequestration area.	Refused	EXCLUDE: Refused October 2024.
C	Land to the South of National	Proposed construction a new cable tunnel beneath the River Thames	Approved	EXCLUDE: Construction route does not overlap with PARs to

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
	Grids Electrical Substation for New Cable Tunnel Fort Road Tilbury Essex	between Tilbury and Gravesend to provide additional transmission capacity. Above-ground infrastructure in the form of a new Cable Sealing End (CSE) compound and a new head house building along with associated electricity infrastructure, access, parking, boundary treatment and two overhead gantry structures for future overhead lines. Temporary compound for the duration of the project to provide parking, staff welfare facilities, delivery vehicle parking, and equipment and machinery storage, including boundary treatment and lighting.		North Tilbury construction peak activities. Although consideration given for multi-modal assessment and use of Tilbury Port.
18/01307/FUL	Land Adjacent Tilbury Power Station Fort Road Tilbury Essex	The recovery of Pulverised Fuel Ash from Area C1 and C2 of Ash Fields using the temporary load out area and access to Station Road (Permitted under consent 18/00458/FUL) and the access via the Power Station Complex (when available) Land Adjacent Tilbury Power Station Fort Road Tilbury Essex.	Awaiting Decision	EXCLUDE: Construction route does not overlap with PARs to North Tilbury construction peak activities. Although consideration given for multi-modal assessment and use of Tilbury Port. However, it has been assumed that as planning application did not assess beyond Station Road and Church Road, it is expected to not result in a significant impact.
19/00051/CV	Land Adjacent Tilbury Power Station Fort Road Tilbury Essex	Application for the variation of conditions no 9 (Timescales) [to Extend time period for completion from 31 December 2019 to 31 December 2032] and no 11 (Plans) [To alter phasing of restoration] of planning permission ref	Awaiting Decision	EXCLUDE: Construction route does not overlap with PARs to North Tilbury construction peak activities. There is insufficient information in terms of traffic flow distribution along the network,

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
		17/00412/FUL (Continued re-profiling of the site to 9 metres AOD using inert reclamation material imported by river, in place of Pulverised Fuel Ash from the adjacent now redundant Power Station) Land Adjacent Tilbury Power Station Fort Road Tilbury Essex.		therefore cannot be accurately applied to the Multi-Modal assessment and use of Tilbury Port.
24/00332/FUL	Sports Ground and Former Firemans Club Purfleet Road Aveley Essex	Development comprising the demolition of existing buildings and structures and redevelopment of the site to provide 43,640 sqm employment development (flexible B2/B8 use with ancillary B1 office); provision of new vehicular, cycle and pedestrian access routes; staff and HGV parking and associated infrastructure. Sports Ground and Former Fireman's Club Purfleet Road Aveley Essex.	Awaiting Decision	INCLUDE: Construction to be completed 2027. Operational flows would coincide with the Project peak construction traffic.
15/00205/OUT	Land Adjacent A13 Railway Line and Southend Road Corringham Essex	Outline planning application [all matters reserved except means of access to the site] for [a] up to 750 residential units, [b] local centre [up to 500 sqm of retail and community uses Use Classes A1 shops, A3 restaurants and cafes, D1 non-residential institution], [c] formation of vehicular, cycle and pedestrian accesses from Southend Road together with its partial realignment and formation of a roundabout, formation of vehicular, pedestrian and cycle access from Lampits Hill, formation of. Land	Awaiting Decision	EXCLUDE: Uncertainty on start date for construction and overlap with the Project peak construction activity. Construction/operational movements do not appear to use PAR for the Project. Trip distribution hasn't been provided beyond A13 WB on slip form Southend Road.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
		Adjacent A13 Railway Line And Southend Road Corringham Essex.		
16/01232/OUT	Land for Development Muckingford Road Linford Essex	Application for outline planning permission with some matters (appearance, landscaping, layout and scale) reserved: Proposed development of up to 830 dwellings (Use Class C3) if the Lower Thames Crossing is constructed (scenario 1) or up to 1,000 dwellings (Use Class C3) if the Lower Thames Crossing does not proceed (scenario 2), a new local road network including a vehicular/pedestrian railway crossing, a primary school, local centre and new areas of open space, including formal recreation. Land For Development Muckingford Road Linford Essex.	Approved	INCLUDE: Phase 1 would occur at same time as the Project construction peak construction activities. Construction traffic not provided but understood that no HGVs would arrive during AM and PM peak hours.
21/00754/MIN	Recycled In Orsett Ltd Stanford Road Orsett Essex RM16 3BB	Application for the variation of condition no's 6 (Plans), 10 (Vehicle Movements) and 33 (Landform) of planning permission ref. 14/01316/MIN (Continuation of extraction of minerals (Old Haven Sand - also known by the brand name Thanet Sand) remaining from the cessation of planning permission ref: 00/00890/CONDC (pursuant to planning permission ref: THU/400/84) for a 10 year period (until 2025) together with the subsequent restoration, retention of access, retention of and phased relocation of	Awaiting Decision	INCLUDE: Initially works were anticipated to start in 2021, with restoration to be completed by 2026 (five-year period). HSE 'Do Not Advise Against' in February 2023 - therefore if works are yet to start and are likely to take five-years, robust case would mean there may be an overlap with the Project peak construction activity.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
		a... Recycled In Orsett Ltd Stanford Road Orsett Essex RM16 3BB).		
18/01404/OUT	DP World London Gateway Logistics Park London Gateway Drive Stanford Le Hope Essex	Thames Enterprise Park - Outline planning permission with all matters (except for access) reserved for the demolition, phased remediation and redevelopment of 164 hectares of former Coryton Oil Refinery to provide up to 345,500 sqm of commercial development including Manufacturing; Storage, Distribution & Logistics (Use Class B2/B8); Energy & Waste related facilities (Use Class Sui Generis); A Central Hub incorporating a range of active uses (Research & Development, leisure, education, hotel and conferencing facilities) (Use Classes B1(b), D1, D2, C1) and ancillary retail/leisure/community facilities (Use Classes A3, D2 & Sui Generis), as well as additional land set aside for a Rail Freight Terminal; Up to 20 Hectares of Open Storage (Use Class B8); Energy Centre; Lorry Parking Facilities; structural landscaping; car parking, new road and access facilities; vehicular, pedestrian and cycle crossing over Shellhaven Creek; pedestrian crossing facilities to existing and proposed estate roads; retention of existing jetties; and associated infrastructure works.	Awaiting Decision	INCLUDE: Within the ES Addendum it states that the development would be constructed 2022 to 2035. However, as a decision is still pending, the actual start date is currently unknown but an assumption of a movement of the programme to start this year would mean the time period would be 2025 to 2038 which may overlap with the peak years for the Project (A1013 potentially). Therefore, flows have been added accordingly to the PARs and junction models.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
24/00984/LDO	DP World London Gateway Logistics Park London Gateway Drive Stanford Le Hope Essex	London Gateway - 24/00984/LDO Notice is given that Thurrock Council proposes to make the London Gateway Logistics Park Local Development Order 2 (2025) (LDO2) granting planning permission for up to 733,776 sqm of commercial and amenity floorspace of which 412,326 sqm is already consented by previous LDOs for the site. In November 2013 the Council made the London Gateway Logistics Park Local Development Order (2013) which permitted up to 829,700 sqm of commercial floorspace. It expired in early November 2023 with 337,225 sqm... DP World London Gateway Logistics Park London Gateway Drive Stanford Le Hope Essex.	Approved	INCLUDE: The site would not be complete until after the peak years for the Project. This development is noted as being within the local development plan and construction traffic associated with the London Gateway LDO that may travel along the A1013 should be accounted for within the TEMPro growth factor. However, this site was requested to be included by Thurrock County Council.
24/01321/PASOL	Tilbury Green Power Port of Tilbury, Tilbury Freeport, Tilbury, Essex, RM18 7NU	Installation of solar PV panels on rooftops of two buildings within the Tilbury Green Power Station.	Prior Approval Granted	EXCLUDE: No traffic related documents available on the portal. However, it is linked to planning application 23/00237/CONDC which details the anticipated vehicle movements on the SRN which could overlap with the Project peak construction activity.
19/01524/SCR	Langdon Hills Golf And Country Club Lower Dunton Road	Hybrid application for the redevelopment of Langdon Hills Golf and Country Club. Detailed approval sought for: a new golf academy (with driving range, tuition space and function space for 150	Approved	EXCLUDE: Granted October 2019. Details are only for an EIA Scoping Report. Therefore, there is insufficient information for it to

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
	Bulphan Essex RM14 3TY.	guests) a redesigned club house (with wellness mindfulness centre, reception space, restaurant space, bar space, function space (for 250 guests), shop, storage space, gym, swimming pool and spa, changing rooms, office space; kitchens and food preparation areas and other ancillary space). The creation of a new health led community to include, 85 no. bungalows for the over 55s (Use Class C2) 36 no. apartments for the over 55s (use Class C2) 42 no. extra care apartments and a 64 bed care home (Use Class C2), and 4 no. key worker apartments. Demolition of existing buildings (clubhouse, hotel and green keepers building) and supporting infrastructure to include, a reconfigured main car park, a new car park for the golf academy, new vehicular access from Lower Dunton Road, landscaping, new bowling green, new walkways, a new bus stop to serve Langdon Hills Golf Club St Lukes Hospice, erection of a security gatehouse and surveillance. Outline approval sought for, a new quick play golf course, up to 12 no. apartments (Use Class C3) and a new redesigned green keepers building.		be included as committed development.
21/00781/SCR	Gothards Field Rear Of The George And	Request for an EIA screening opinion: Residential-led development of the 9.5 hectare site to provide up to 230	Decision – EIA Not Required	EXCLUDE: Details are only for an EIA Scoping Report. Therefore, there is insufficient

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
	Dragon East Tilbury Road Linford Essex SS17 0QT.	dwelling, with associated access, landscaping and open space provision		information for it to be included as committed development. However, associated planning application 21/01812/FUL has been included within the Traffic and Transport assessment as a committed development. Development planned to be fully operational in 2026. Therefore, operational traffic would overlap with the Project peak construction activities.
18/00549/SCO	Tilbury Energy Centre Fort Road Tilbury Essex.	Planning Inspectorate Consultation to the Local Planning Authority for an EIA Scoping Opinion for a future Development Consent Order to develop a new Combined Cycle Gas Power Station with a generating capacity up to 2500 MW, Open Cycle Gas Turbines with a generating capacity up to 300 MW and an energy storage facility, all on the Tilbury Power Station site.	Decision – EIA Not Required	EXCLUDE: Decision that EIA is required in May 2018 - details are only for an EIA Scoping Report. Therefore, insufficient to be included within our assessment.
22/00812/SCR	Thurrock Flexible Generation Plant Fort Road Tilbury Essex.	Request for EIA Screening Opinion with regard to the proposed development of Thurrock Hydrogen Plant, a facility for the production of hydrogen by electrolysis, on land southwest of Station Road in Tilbury, Thurrock.	Decision – EIA Not Required	EXCLUDE: Decided that EIA is not required in July 2022 - details are only for a screening report. Therefore, insufficient to be included within our assessment.
23/00897/SCO	Land Adjacent Sandown Road Collingwood	Request for an EIA Scoping Opinion pursuant to Part 4(15) of the Town and Country Planning (EIA) Regulations	Decision – EIA Not Required	EXCLUDE: Decision that EIA is required in August 2023 - details are only for an EIA Scoping

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
	Farm Quarry And East Quarry Stanford Road Orsett Essex.	2017: Proposed residential-led mixed-use development comprising of approximately 775 residential dwellings (Class C3), with a new village centre and public square; land for a junior school; sports pitches; external amenity spaces; eco-parkland for informal recreation and nature conservation; new pedestrian routes and cycleway connections; landscaping; and associated works.		Report. Therefore, there is insufficient information for it to be included as committed development.
23/01321/SCO	Land South Of Borough Boundary And East Of Dunnings Lane West Horndon Essex	Request for a Scoping Opinion pursuant to Part 4(15) of the Town and Country Planning (Environmental Impact Assessment) Regulations 2017: Proposed development of up to 2,000 homes; up to 1,500 sqm of commercial/retail floorspace; a primary and secondary school; open space, including landscaping and greenspace; and enabling infrastructure to accommodate the proposed development comprising the access and road from the A128, along with associated infrastructure and amenities; highway works; together with all associated works, including temporary meanwhile uses.	Decision – EIA Not Required	EXCLUDE: Decision that EIA is required in January 2024 - details are only for an EIA Scoping Report. Therefore, there is insufficient information to be included as a committed development.
24/01051/OUT	Land South of Borough Boundary and East of Dunnings	Outline planning application with all matters reserved except access, for the creation of a new settlement and multi modal transport hub adjacent to West	Pending	EXCLUDE: Awaiting decision - the future year of 2036 was used for the assessment; therefore, it

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
	Lane West Horndon Essex	Horndon Railway Station. The new settlement would include a range of interdependent uses to create a sustainable new settlement including community uses (Use Class F1 & F2), primary school (Use Class F1), hotel (Class C1), commercial uses (Use Class E), general industrial & storage (Class B2 & B8), care home and Integrated Retirement Community (Class C2); mixed tenure residential development comprising up to 2,100 dwellings (Use Class C3), a new bus and active travel route over St Marys Lane road bridge, enhancements to the Freshwell Gardens underpass, open space and public realm; new planting and landscaping, ecological enhancement works; sustainable urban drainage systems; creation of new vehicular and pedestrian accesses into the site from the A128, creation of a new vehicular, pedestrian and cycle network within the site; improvements to the existing highway and local road network; lighting; engineering works, meanwhile uses and infrastructure and associated facilities, including demolition of all existing buildings on site.		does not coincide with the Project construction peak activity.

Application Reference	Location/ LPA Area	Description	Status	Summary of Highways Consideration
25/00333/SCO	Land East Of Chadwell St Mary Brentwood Road Chadwell St Mary Essex.	Request for an EIA Scoping Opinion for residential development of up to 1,500 dwellings.	Decided – EIA Not Required	EXCLUDE: Decision that EIA is required in April 2025 - details are only for an EIA Scoping Report. Therefore, insufficient to be included within our assessment.

Table A16.3.6 Future baseline and committed development traffic flows on local road links forming Primary Access Routes

Project Section	Road Link ID	Survey Site	Peak Construction Year	Total Traffic Movements 12 hr (07:00-19:00)		HGV Movements 12 hr (07:00-19:00)	
				Future Baseline + Committed	Net Increase	Future Baseline + Committed	Net Increase
A	Link PAR 1 - A140 Ipswich Road	Site 105	2028	27,304	7,054	1,113	277
A	Link PAR 2 - Mangreen Lane	Site Bell 1a	2028	569	330	138	136
A	Link PAR 3 - Stansfield Road/Wymondham Road	Site 107	2027	4,430	0	130	0
A	Link PAR 4 - B1113	951640	2027	3,572	0	78	0
A	Link PAR 5 - Wymondham Road	NDC 2a	2027	1,025	0	100	0
A	Link PAR 6 - Fundenhall Road	Site Bell 3a	2027	1,365	0	37	0
A	Link PAR 7 - B1134 Station Road/B1134 Long Row	Site Bell 4a	2028	2,023	0	143	0
A	Link PAR 8 – A1066/A1066 Victoria Road/A1066 Park Road/A1066 High Road	NDC Site 2	2028	8,384	0	1,554	0
		NDC Site 3	2028	15,915	0	1,411	0
		NDC Site 4	2028	11,478	0	1,066	0
		NDC Site 5	2028	7,262	0	1,154	0
		NDC 15a	2028	6,684	0	1,004	0
A	Link PAR 9 - A1066 High Road/A1066 Low Road/A1066 Diss Road /A1066 The Street/A1066 Thetford	77197	2028	9,719	0	555	0
		18594	2028	10,680	0	609	0
		7496	2028	10,225	0	449	0

Project Section	Road Link ID	Survey Site	Peak Construction Year	Total Traffic Movements 12 hr (07:00-19:00)		HGV Movements 12 hr (07:00-19:00)	
				Future Baseline + Committed	Net Increase	Future Baseline + Committed	Net Increase
	Road/A1066 Hurth Way/A1066 Mundford Road	92224	2028	3,696	0	426	0
B	Link PAR 10 - A143 Old Bury Road	NDC 17a	2028	6,349	0	1,318	0
B	Link PAR 11 - Lion Road	Site Bell 7a	2027	2,715	0	61	0
B	Link PAR 12 - B1113 Finningham Road/B1113 Walsham Road	Site 114	2028	1,978	0	135	0
B	Link PAR 13 - Wickham Road	Site 115	2028	1,673	0	98	0
B		NDC 10a	2028	1,647	0	210	0
B	Link PAR 14 - Eastland Lane	Site Bell 10a	2028	32	0	2	0
B	Link PAR 15 - Thornham Road	Site Bell 9a	2028	863	0	33	0
B	Link PAR 16 - A1120 Church Road/A1120 Bell's Lane	27560	2028	8,221	1,054	244	0
		NDC 11b	2028	4,274	1,054	414	0
B	Link PAR 17 - A1120 south of A14 J50	ID07085_70	2028	2,228	0	567	0
B	Link PAR 18 - Mill Lane	Site 117	2028	824	0	73	0
	Link PAR 19 - B1113 Needham Road/B1113 Stowmarket Road	NDC 19a	2028	8,212	33	753	22
B	Link PAR 20 - B1113 Bramford Road/B1113 Loraine Way	ID07085_57	2028	3,368	33	1,265	22
		ID07085_56	2028	801	33	249	22

Project Section	Road Link ID	Survey Site	Peak Construction Year	Total Traffic Movements 12 hr (07:00-19:00)		HGV Movements 12 hr (07:00-19:00)	
				Future Baseline + Committed	Net Increase	Future Baseline + Committed	Net Increase
B	Link PAR 21 - Bullen Lane	NDC 21b	2028	93	33	29	22
C	Link PAR 22 - A1214 London Road	57499	2028	17,005	1,463	986	132
C	Link PAR 23 - A1071	ID07085_282	2028	3,575	1,426	794	132
		NDC 1a	2028	2,029	1,426	735	132
C	Link PAR 24 - B1070 (A12 access)	Site 111	2028	4,309	120	99	0
C	Link PAR 25 - B1070 Hadleigh Road	NDC 22a	2028	5,142	120	320	0
C	Link PAR 26 - Ipswich Road	Site Bell 20a	2029	1,810	0	82	0
C	Link PAR 27 - Birchwood Road	Site Bell 22a	2029	3,437	0	73	0
		Site 128	2030	2,735	0	124	0
C	Link PAR 28 - Wick Road/Grove Hill	809662	2030	1,336	0	46	0
C	Link PAR 29 - Perry Lane	Site Bell 21a	2030	107	0	4	0
C	Link PAR 30 - Bentley Road	NDC Site 8	2028	2,351	1,654	828	720
		Site Bell 54a	2028	2,888	1,654	756	720
C	Link PAR 31 - Ardleigh Road/Little Bromley Road	NDC Site 9	2028	363	273	94	79
C	Link PAR 32 - Wick Lane	Site 69	2028	1,129	0	28	0

Project Section	Road Link ID	Survey Site	Peak Construction Year	Total Traffic Movements 12 hr (07:00-19:00)		HGV Movements 12 hr (07:00-19:00)	
				Future Baseline + Committed	Net Increase	Future Baseline + Committed	Net Increase
C	Link PAR 33 - Old Ipswich Road	810677	2028	3,904	1,284	449	215
		Site Bell 24a	2028	3,125	1,284	352	215
C	Link PAR 34 - Turnpike Close	Site Bell 23a	2028	498	124	58	2
D	Link PAR 35 - A1341 Via Urbis Romanae	Site 4	2028	14,375	0	448	0
D	Link PAR 36 - A134 Northern Approach Road/A134 Wildeve Avenue/A134 Nayland Road/A134 The Causeway	86033	2028	10,288	0	398	0
		6676	2028	6,465	0	256	0
		Site Bell 26a	2028	8,302	0	290	0
D	Link PAR 37 - A1124 Halsted Road	37390	2027	8,496	0	252	0
D	Link PAR 38 - Mill Road	NDC 4a	2028	1,973	0	197	0
D	Link PAR 39 - Great Tey Road	NDC 13a	2027	1,849	0	235	0
E	Link PAR 40 - A120 Colchester Road	NDC 23a	2028	16,937	438	2,320	8
E	Link PAR 41 - B1018 Braintree Road/B1018 Witham Road	Site 147	2028	12,824	1,121	560	0
E	Link PAR 42 - B1389 Hatfield Road	Site 141	2028	13,674	0	430	0
E	Link PAR 43 - Spinks Lane/Highfields Road/Spa	Site 142	2028	8,712	0	158	0
		Site Bell 33a	2028	4,644	0	104	0

Project Section	Road Link ID	Survey Site	Peak Construction Year	Total Traffic Movements 12 hr (07:00-19:00)		HGV Movements 12 hr (07:00-19:00)	
				Future Baseline + Committed	Net Increase	Future Baseline + Committed	Net Increase
	Road/Flora Road/Faulkbourne Road/Church Hill						
E	Link PAR 44 - A131 Great Notley Bypass/A131 Great Leighs Bypass/A131 Braintree Road	Site 132	2028	19,840	3,011	813	14
F		90323	2028	23,347	3,011	709	14
F	Link PAR 45 - B1008 Essex Regiment Way	NDC 6a	2027	9,750	0	617	0
F	Link PAR 46 - B1008 Braintree Road/B1008 Main Road	Site 134	2028	11,811	240	148	40
F	Link PAR 47 - Chatham Hall Lane	Site Bell 36a	2028	298	0	6	0
F	Link PAR 48 - Chelmsford Road	Site Bell 37a	2028	2,678	0	108	0
F	Link PAR 49 - A414 Three Mile Hill/A1114 London Road	18372	2028	23,036	0	661	0
F	Link PAR 50 - A1016 Waterhouse Lane/A1016 Rainsford Lane	8614	2028	25,376	0	665	0
		38697	2028	18,756	0	379	0
		48678	2028	37,335	0	470	0
F	Link PAR 51 - A1060 Rainsford Road/A1060 Roxwell Road	77151	2028	12,272	0	264	0
		56777	2028	15,081	0	341	0
F	Link PAR 52 - Vicarage road	NDC 7a	2028	1,437	0	85	0
F		Site 137	2028	12,356	0	576	0

Project Section	Road Link ID	Survey Site	Peak Construction Year	Total Traffic Movements 12 hr (07:00-19:00)		HGV Movements 12 hr (07:00-19:00)	
				Future Baseline + Committed	Net Increase	Future Baseline + Committed	Net Increase
	Link PAR 53 - A414 Greenbury Way/A414 Ongar Road	Site Bell 40a	2028	12,500	0	492	0
G	Link PAR 54 - B1002 Main Road	810780	2028	5,667	0	64	0
		800059	2028	5,777	0	42	0
G	Link PAR 55 - Wantz Road	Site 138	2028	3,852	0	191	0
G	Link PAR 56 - Ivy Barns Lane	Site Bell 41a	2028	899	0	50	0
G	Link PAR 57 - Church Lane	Site Bell 42a	2028	44	0	1	0
G	Link PAR 58 - A176 Noak Hill Road/A176 Laindon Road/A129 Southend Road	77132	2028	15,392	0	314	0
		27916	2028	13,866	0	283	0
		77137	2028	15,392	0	314	0
		Site 144	2028	6,206	0	256	0
G	Link PAR 59 - A129 Sun Street/A129 London Road/A129 Rayleigh Road	Site 145	2028	10,256	0	117	0
		77136	2028	11,332	0	127	0
		46687	2028	12,336	0	102	0
		Site Bell 43a	2028	11,918	0	358	0
G	Link PAR 60 - Dunton Road/Brentwood Road	NDC 14A	2028	1,223	0	120	0
G	Link PAR 61 - B148 West Mayne	Site 149	2028	16,034	0	509	0

Project Section	Road Link ID	Survey Site	Peak Construction Year	Total Traffic Movements 12 hr (07:00-19:00)		HGV Movements 12 hr (07:00-19:00)	
				Future Baseline + Committed	Net Increase	Future Baseline + Committed	Net Increase
G	Link PAR 62 - Lower Dunton Road	Site Bell 46a	2028	3,914	0	156	0
H	Link PAR 63 - A128 Brentwood Road	NDC 25a	2028	10,496	20	1,349	20
H	Link PAR 64 - A1013 Stanford Road (east of Orsett Cock Roundabout)	92177	2028	10,311	1,069	608	228
H	Link PAR 65 - Buckingham Hill Road	NDC 8a	2028	9,622	1,686	968	384
H	Link PAR 66 - Brentwood Road	Link PAR 68	2028	11,831	692	469	316
H	Link PAR 67 - A1013 Stanford Road (west of Orsett Cock Roundabout)	Link PAR 69	2028	13,173	196	615	56
H	Link PAR 68 - Heath Road	Link PAR 70	2028	2,804	0	16	0
H	Link PAR 69 - Chadwell Hill	Link PAR 71	2028	7,490	72	704	0
H	Link PAR 70 - Linford Road	Link PAR 72	2028	6,365	754	177	0
H	Link PAR 71 - Muckingford Road	NDC Site 40	2028	4,556	735	387	0

Abbreviations

Abbreviation	Full Reference
AADT	Annual Average Daily Traffic
BESS	Battery Energy Storage System
CNEB	Chelmsford Northeast Bypass
CCTV	Closed-Circuit Television
CCUS-HO	Carbon Capture Use and Storage plant with Heat Offtake
CTMP	Construction Traffic Management Plan
DCO	Development Consent Order
DEP	Dudgeon Extension project
DNO	Distribution Network Operator
EACN	East Anglia Connection Node
EBI	Energy Balancing Infrastructure
EIA	Environmental Impact Assessment
EPR	European Pressurised Reactor
ES	Environmental Statement
GIA	Gross Internal Area
GW	Gigawatts
Ha	Hectares
HGV	Heavy Goods Vehicle
IWMF	Integrated Waste Management Facility
Km	Kilometre
LDO	Local Development Order
LGV	Light Goods Vehicle
LPA	Local Planning Authority
MRF	Materials Recovery Facility
MW	Megawatt
NIA	Net Internal Area

Abbreviation	Full Reference
NRDR	Northern Radial Distributor Road
OFW	Offshore Wind Farm
ONCS	Onshore Converter Station
OS	Ordnance Survey
PAR	Primary Access Route
PRoW	Public Right of Way
PV	Photovoltaic
RDR	Radial Distributor Road
SEP	Sheringham Extension project
Sqm	Square metre
SRN	Strategic Road Network
SuDS	Sustainable Drainage Systems
TA	Transport Assessment
TEMPro	Trip End Model Program

Glossary

Term	Definition
Annual Average Daily Traffic Flow	24 hour traffic count data averaged for all the days in the year i.e. the total traffic flow on a road for a year divided 365
Access Route	A route used by construction traffic within the Order Limits to access a working area from an access point
Committed Development	A development that has full or outline planning permission or is allocated in an adopted development plan.
Cumulative Effects	The assessment of the impact on the environment which results from the incremental impact of an action when added to other past, present or reasonably foreseeable actions regardless of what agency or person undertakes such actions. Cumulative impact can result from individually minor but collectively significant actions taking place over a period of time.
Development Consent Order	A statutory instrument which grants consents and other rights to build a Nationally Significant Infrastructure Project, as defined by the Planning Act 2008.
Environmental Impact Assessment (EIA)	An assessment of the likely effects of a development project on the environment, which is reported in an Environmental Statement that is publicised and consulted on and taken into account in the decision on whether a project should proceed.
Environmental Statement (ES)	The main output from the EIA process, an ES is the report required to accompany an application for development consent (under the Infrastructure Planning (EIA) Regulations 2017) to inform public and stakeholder consultation and the decision on whether a project should be allowed to proceed. The EIA Regulations set out specific requirements for the contents of an ES for Nationally Significant Infrastructure Projects.
Heavy Goods Vehicle	Goods vehicles weighing more than 3,500 kg.
Kilovolt	1,000 volts
Light Goods Vehicles	Goods vehicle weighing 3,500 kg or less.
Local Planning Authority	The public authority whose duty it is to carry out specific planning functions for a particular area.
Primary Access Routes (PAR)	These are the roads on the local road network that would be used by construction vehicles between the strategic road network and the access points within the Order Limits.

Term	Definition
Project Section	Geographical 'sections' have been identified that break the project down into smaller units for ease of description within the documentation.
Public Right of Way (PRoW)	A footpath, bridleway or byway accessible to all members of the public.
Transport Assessment	Transport Assessment is a comprehensive and systematic process that sets out transport issues relating to a proposed development. It identifies what measures will be taken to deal with the anticipated transport effects of the Project. It is separate to Chapter 16: Traffic and Transport (document reference 6.16).
Trip End Model Programme (TEMPro)	The Trip End Model Programme is a software used in the UK to export and analyse data projections of trip origins and destinations from the National Trip End Model (NTEM), for use in transport assessments and models

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- TEMPro (Trip End Model Presentation Program) software
- Tendering District Council Planning portal (2025) (Online: <https://www.tendringdc.gov.uk/content/view-planning-applications-and-comment>)
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