

# **High Speed Rail (Crewe – Manchester)**

**Background information and data  
accompanying SES2 and AP2 ES**

## **Air quality**

BID AQ-002-0MA01 SES2 and AP2 ES

Additional data used in the air quality assessment

MA01: Hough to Walley's Green

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MA01: Hough to Walley's Green



## Department for Transport

High Speed Two (HS2) Limited has been tasked by the Department for Transport (DfT) with managing the delivery of a new national high speed rail network. It is a non-departmental public body wholly owned by the DfT.

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## 1 Introduction

### 1.1 Structure of this report

- 1.1.1 This document sets out Background Information and Data (BID) that accompanies the High Speed Two (HS2) High Speed Rail (Crewe – Manchester) Supplementary Environmental Statement 2 (SES2) and Additional Provision 2 Environmental Statement (AP2 ES)<sup>1</sup> for the Hough to Walley's Green (MA01) community area.
- 1.1.2 This document contains the traffic data that was used in the air quality assessment set out in the SES2 and AP2 ES.
- 1.1.3 This document details supplementary air quality baseline data not reported in the BID document<sup>2</sup> that accompanied the High Speed Two (HS2) High Speed Rail (Crewe – Manchester) Environmental Statement (the main ES) or the Supplementary Environmental Statement 1 (SES1)<sup>3</sup> and Additional Provision 1 Environmental Statement (AP1 ES) both published in 2022<sup>4</sup>.
- 1.1.4 In order to differentiate between the original scheme and the subsequent changes, the following terms are used:
- ‘the original scheme’– the Bill scheme submitted to Parliament in 2022, which was assessed in the main ES;
  - ‘the SES1 scheme’– the original scheme with any changes described in SES1 that are within the existing powers of the Bill;
  - ‘the AP1 revised scheme’ – the original scheme as amended by SES1 changes and AP1 amendments;
  - ‘the SES2 scheme’– the original scheme with any changes described in SES1 (submitted in July 2022) and the SES2; and

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<sup>1</sup> High Speed Two Ltd (2023), High Speed Rail (Crewe – Manchester), *Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement*. Available online at: <https://www.gov.uk/government/collections/hs2-phase-2b-crewe-manchester-supplementary-environmental-statement-2-and-additional-provision-2-environmental-statement>.

<sup>2</sup> High Speed Two Ltd (2022), High Speed Rail (Crewe – Manchester), *Background Information and Data*. Available online at: <https://www.gov.uk/government/collections/hs2-phase2b-crewe-manchester-environmental-statement>.

<sup>3</sup> High Speed Two Ltd (2022), High Speed Rail (Crewe – Manchester), *Supplementary Environmental Statement 1 and Additional Provision 1 Environmental Statement Background Information and Data*. Available online at: <https://www.gov.uk/government/collections/hs2-phase-2b-crewe-manchester-supplementary-environmental-statement-1-and-additional-provision-1-environmental-statement>.

<sup>4</sup> High Speed Two Ltd (2022) High Speed Rail (Crewe – Manchester), *Environmental Statement*. Available online at: <https://www.gov.uk/government/collections/hs2-phase2b-crewe-manchester-environmental-statement>.

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- 'the AP2 revised scheme'– the original scheme as amended by SES1 and SES2 changes (as relevant) and AP2 amendments.

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## 2 Methodology

- 2.1.1 Details of the methodology used are provided in the Environmental Impact Assessment Scope and Methodology Report (SMR)<sup>5</sup> (see main ES Volume 5, Appendix: CT-001-00001).

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<sup>5</sup> High Speed Two Ltd (2022), High Speed Rail (Crewe – Manchester), *Environmental Statement, Environmental Impact Assessment Scope and Methodology Report*, Volume 5, Appendix: CT-001-00001. Available online at: <https://www.gov.uk/government/collections/hs2-phase2b-crewe-manchester-environmental-statement>.

## **3 Construction traffic data**

- 3.1.1 Table 1 and Table 2 present the traffic flows used in the air quality assessment from construction related vehicles on the highway network (annual average daily traffic (AADT) and heavy duty vehicles (HDV)), on the site haul routes and at areas of construction activities along the route. Vehicles along the haul routes are split into 20 tonne heavy goods vehicles (HGV) used in the construction of the rail systems and 40 tonne articulated dump trucks (ADT), which travel along the route.



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**Table 1: Highway network construction traffic flows in the Hough to Walley's Green (MA01) community area**

Road ID	Start and end coordinates	AADT flows			HDV flows			Notes
		2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	
11027_11030	370702, 352737 to 370713, 352747	20,226	19,591	19,820	755	590	592	-
11029_11026	370710, 352699 to 370700, 352712	21,573	21,142	21,231	741	716	700	-
11030_11033	370713, 352747 to 370744, 352744	12,380	12,221	12,135	679	515	517	-
11032_11029	370732, 352695 to 370710, 352699	19,160	18,831	18,863	729	705	689	-
11033_11035	370744, 352744 to 370753, 352731	20,554	20,469	20,366	755	595	596	-
11034_11032	370748, 352706 to 370732, 352695	20,955	20,954	20,932	790	766	751	-
11056_11027, 11026_11057	370061, 352652 to 370702, 352737	30,131	29,496	29,241	1,332	1,144	1,130	-
14034_14035	367306, 351698 to 367315, 351724	10,746	10,307	10,251	447	396	396	-
14035_14036	367315, 351724 to 367323, 351730	20,680	20,087	19,883	692	605	606	-
14037_14034	367324, 351671 to 367306, 351698	20,858	20,395	20,377	777	747	732	-
14040_14042	367344, 351734 to 367355, 351730	18,962	18,385	18,448	774	611	611	-
14041_14037	367344, 351667 to 367324, 351671	17,853	17,231	17,184	652	626	611	-
14042_14045	367355, 351730 to 367372, 351701	16,652	15,892	15,998	774	611	611	-
14043_14041	367361, 351676 to 367344, 351667	20,450	19,664	19,674	760	732	718	-
14044_11056, 11057_14043	367372, 351693 to 370061, 352652	30,131	29,495	29,241	1,332	1,144	1,130	-
14045_14044	367372, 351701 to 367372, 351693	19,127	18,251	18,372	775	610	612	-
15037_15038, 15038_15037	376710, 361655 to 376721, 361671	15,052	16,056	16,141	626	641	620	-

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Road ID	Start and end coordinates	AADT flows			HDV flows			Notes
		2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	
15038_15039, 15039_15038	376721, 361671 to 376730, 361682	18,973	20,164	20,181	795	825	790	-
15080_15009, 15008_15077	376724, 362218 to 376796, 362076	100,623	105,736	105,474	14,974	15,046	15,041	-
16029_16022, 16022_16029	376759, 361709 to 376807, 361754	24,774	25,997	26,038	935	971	930	-
2080_2078, 2078_2080	370868, 364488 to 370827, 364681	9,921	0	11,001	111	0	108	-
2083_2080, 2080_2083	370896, 364291 to 370868, 364488	8,033	0	9,122	75	0	72	-
2083_9004, 9004_2083	370896, 364291 to 370964, 363995	7,876	0	8,985	58	0	55	-
3014_3176, 3176_3014	373778, 361686 to 373651, 361850	16,837	17,960	17,958	268	305	285	-
3019_3014, 3014_3019	373854, 361608 to 373778, 361686	17,790	18,891	18,871	257	294	274	-
3022_3019, 3019_3022	373873, 361585 to 373854, 361608	17,463	18,571	18,550	252	289	269	-
3052_9144	374769, 358256 to 374758, 358242	15,020	15,943	16,113	380	401	383	-
3126_3122, 3123_3126	375982, 360512 to 375940, 360494	20,515	21,633	21,603	622	645	624	-
3128_3126, 3126_3128	376069, 360576 to 375982, 360512	20,515	21,592	21,557	622	644	624	-
3128_3130, 3130_3128	376069, 360576 to 376125, 360657	19,906	20,962	20,951	628	650	629	-
3141_15008, 15009_3142	377092, 361553 to 376788, 362038	84,723	88,926	88,586	14,601	14,666	14,682	-
3161_15037, 15037_3161	376675, 361596 to 376710, 361655	15,917	16,921	17,006	626	641	620	-
3161_16056, 16056_3161	376675, 361596 to 376658, 361560	15,919	16,921	17,006	626	641	620	-

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Road ID	Start and end coordinates	AADT flows			HDV flows			Notes
		2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	
3176_15012, 15012_3176	373651, 361850 to 373534, 361976	15,420	16,494	16,491	273	310	290	-
3326_9029, 9029_3326	372459, 351713 to 372675, 351359	0	10,674	10,924	0	168	168	-
3326_9289, 9289_3326	372459, 351713 to 372178, 352111	0	4,071	4,329	0	109	109	-
4001_4003	367590, 355599 to 367604, 355588	13,638	11,209	13,207	211	198	207	-
4002_8083	367603, 355560 to 367587, 355549	15,275	14,733	14,162	259	260	253	-
4003_4004	367604, 355588 to 367607, 355580	16,532	14,098	16,098	240	226	235	-
4004_4002	367607, 355580 to 367603, 355560	8,406	8,053	7,861	129	127	128	-
4008_30109, 30109_4008	367692, 356792 to 368110, 357255	25,812	26,914	24,469	439	383	377	-
4009_4006, 4006_4009	367748, 355558 to 367628, 355560	14,994	12,738	14,545	240	232	232	-
4012_30105, 30105_4012	368385, 357813 to 368691, 358031	13,754	13,797	5,191	465	463	152	-
4012_8089, 8089_4012	368385, 357813 to 368073, 357654	17,683	16,383	17,147	310	296	306	-
4013_30105, 30105_4013	368777, 357968 to 368691, 358031	26,329	28,581	0	611	605	0	-
4013_4068, 4068_4013	368777, 357968 to 368723, 357757	1,820	1,824	0	10	10	0	-
4013_4631, 4631_4013	368777, 357968 to 368955, 357822	17,991	19,036	0	422	419	0	-
4017_4009, 4009_4017	367905, 355659 to 367748, 355558	14,930	12,666	14,504	243	234	235	-
4017_4686, 4686_4017	367905, 355659 to 368100, 355825	15,017	12,752	14,590	246	237	237	-
4027_4033, 4033_4027	368053, 355983 to 368141, 355911	1,559	1,561	0	80	80	0	-
4030_4038, 4038_4030	368125, 353683 to 368151, 353780	5,522	6,606	6,591	143	145	149	-

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Road ID	Start and end coordinates	AADT flows			HDV flows			Notes
		2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	
4032_4035, 4035_4032	368142, 353268 to 368080, 353172	15,209	16,912	16,654	292	298	302	-
4033_4039, 4039_4033	368141, 355911 to 368182, 355892	1,559	1,561	0	80	80	0	-
4034_4036, 4036_4034	368145, 353563 to 368155, 353442	5,389	6,431	6,416	148	151	155	-
4035_4015, 4015_4035	368080, 353172 to 367855, 352932	12,294	13,872	13,551	221	227	231	-
4036_4032, 4032_4036	368155, 353442 to 368142, 353268	8,961	10,571	10,405	237	235	245	-
4038_4736, 4736_4038	368151, 353780 to 368161, 353798	6,378	7,569	7,526	154	156	160	-
4039_4045, 4045_4039	368182, 355892 to 368267, 355953	15,608	13,459	0	277	284	0	-
4039_4686, 4686_4039	368182, 355892 to 368100, 355825	15,017	12,752	0	246	237	0	-
4042_4050, 4050_4042	368225, 353933 to 368484, 354118	6,413	7,652	7,591	203	205	210	-
4042_4683, 4683_4042	368225, 353933 to 368167, 353810	6,576	7,778	7,733	216	218	222	-
4045_4685, 4685_4045	368267, 355953 to 368292, 355965	16,626	14,520	0	315	323	0	-
4050_4057, 4057_4050	368484, 354118 to 368595, 354233	13,512	14,395	14,565	293	293	300	-
4052_4056, 4056_4052	368385, 355995 to 368578, 355899	8,687	9,269	0	209	216	0	-
4052_4685, 4685_4052	368385, 355995 to 368292, 355965	16,625	14,506	0	315	323	0	-
4065_4067, 4067_4065	368681, 354714 to 368759, 354518	11,190	10,990	0	101	95	0	-
4067_4100, 4100_4067	368759, 354518 to 368984, 354728	10,967	12,129	0	223	230	0	-
4077_4078, 4078_4077	368788, 356588 to 368778, 356646	4,536	3,396	0	226	206	0	-
4077_4080, 4080_4077	368788, 356588 to 368794, 356230	4,536	3,407	0	236	219	0	-
4078_4105, 4105_4078	368778, 356646 to 369064, 356600	9,060	8,994	0	180	192	0	-
4078_4715, 4715_4078	368778, 356646 to 368734, 356920	8,590	8,173	0	180	177	0	-
4080_4090, 4090_4080	368794, 356230 to 368803, 356154	7,901	7,579	0	266	252	0	-

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Road ID	Start and end coordinates	AADT flows			HDV flows			Notes
		2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	
4090_4052, 4052_4090	368803, 356154 to 368385, 355995	18,873	0	0	376	0	0	-
4090_4096, 4096_4090	368803, 356154 to 368927, 356186	17,249	13,126	0	148	123	0	-
4090_9700, 9700_4090	368803, 356154 to 368615, 356082	0	12,514	0	0	320	0	-
4092_4211, 4211_4092	368879, 355794 to 369653, 355522	3,836	4,756	0	229	240	0	-
4096_4118, 4118_4096	368927, 356186 to 369187, 356225	15,825	12,740	0	138	114	0	-
4097_4104, 4104_4097	368927, 356530 to 369063, 356516	1,425	387	0	10	9	0	-
4100_4101, 4101_4100	368984, 354728 to 368994, 354733	13,148	14,250	0	225	232	0	-
4101_4102, 4102_4101	368994, 354733 to 369052, 354669	3,819	3,941	0	17	19	0	-
4101_4109, 4109_4101	368994, 354733 to 369109, 354821	10,996	11,777	0	218	222	0	-
4102_4103, 4103_4102	369052, 354669 to 369062, 354662	3,819	3,941	0	17	19	0	-
4103_4111, 4111_4103	369062, 354662 to 369132, 354619	2,298	2,413	0	15	18	0	-
4103_4670, 4670_4103	369062, 354662 to 369186, 354727	1,521	1,528	0	2	2	0	-
4104_4105, 4105_4104	369063, 356516 to 369064, 356600	1,483	524	0	8	9	0	-
4105_4123, 4123_4105	369064, 356600 to 369200, 356591	10,430	9,425	0	180	193	0	-
4114_4631, 4631_4114	369170, 357528 to 368955, 357822	11,147	10,982	0	191	186	0	-
4118_4119, 4119_4118	369187, 356225 to 369197, 356500	9,089	9,800	0	150	165	0	-
4118_4120, 4120_4118	369187, 356225 to 369281, 356216	14,116	12,333	0	229	215	0	-
4119_4123, 4123_4119	369197, 356500 to 369200, 356591	8,620	9,288	0	148	162	0	-
4120_4142, 4142_4120	369281, 356216 to 369411, 356145	9,854	9,573	0	157	157	0	-
4120_4144, 4144_4120	369281, 356216 to 369477, 356223	8,885	6,826	0	78	71	0	-
4123_4149, 4149_4123	369200, 356591 to 369504, 356604	13,116	11,760	0	91	95	0	-

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		2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	
4132_4139, 4139_4132	369277, 354969 to 369381, 355088	10,599	11,326	0	217	221	0	-
4139_4148, 4148_4139	369381, 355088 to 369434, 355158	10,455	11,172	0	215	220	0	-
4142_4156, 4156_4142	369411, 356145 to 369502, 356022	9,803	9,499	0	159	155	0	-
4144_4155, 4155_4144	369477, 356223 to 369499, 356330	7,404	6,169	0	82	85	0	-
4144_4687, 4687_4144	369477, 356223 to 369596, 356206	10,470	9,927	0	153	150	0	-
4148_4158, 4158_4148	369434, 355158 to 369503, 355268	5,802	5,395	0	87	94	0	-
4148_4741, 4741_4148	369434, 355158 to 369536, 355101	4,778	5,899	0	132	129	0	-
4149_4159, 4159_4149	369504, 356604 to 369504, 356505	7,186	5,962	0	80	82	0	-
4149_4175, 4175_4149	369504, 356604 to 369558, 356772	12,954	12,877	0	171	181	0	-
4149_4209, 4209_4149	369504, 356604 to 369899, 356443	5,518	4,325	0	98	97	0	-
4155_4159, 4159_4155	369499, 356330 to 369504, 356505	7,273	6,044	0	80	83	0	-
4158_4172, 4172_4158	369503, 355268 to 369510, 355283	5,939	5,546	0	90	98	0	-
4172_4174, 4174_4172	369510, 355283 to 369546, 355377	7,548	7,011	0	127	126	0	-
4172_4671, 4671_4172	369510, 355283 to 369752, 355238	1,708	1,573	0	41	33	0	-
4174_4211, 4211_4174	369546, 355377 to 369653, 355522	11,305	11,305	0	214	211	0	-
4174_4737, 4737_4174	369546, 355377 to 369701, 355352	4,795	4,720	0	94	94	0	-
4175_4179, 4179_4175	369558, 356772 to 369613, 356899	12,859	12,799	0	171	181	0	-
4193_4195, 4195_4193	369709, 357830 to 369767, 357440	6,102	6,130	0	205	208	0	-
4193_4633, 4633_4193	369709, 357830 to 369712, 357966	6,083	6,119	0	200	204	0	-
4196_4254, 4254_4196	369776, 355110 to 370172, 355125	5,347	6,299	0	80	77	0	-
4196_4671, 4671_4196	369776, 355110 to 369752, 355238	1,708	1,573	0	41	33	0	-

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		2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	
4196_4741, 4741_4196	369776, 355110 to 369536, 355101	4,709	5,831	0	130	127	0	-
4196_4743, 4743_4196	369776, 355110 to 369835, 354801	1,102	1,138	0	92	83	0	-
4209_4243, 4243_4209	369899, 356443 to 370149, 356382	7,531	6,213	0	102	98	0	-
4209_4793, 4793_4209	369899, 356443 to 369843, 356350	4,042	3,929	0	10	16	0	-
4211_4229, 4229_4211	369653, 355522 to 370043, 355432	9,867	11,396	0	195	223	0	-
4216_4226, 4226_4216	370034, 355284 to 370040, 355389	3,218	3,187	0	168	169	0	-
4216_4252, 4252_4216	370034, 355284 to 370180, 355264	6,596	6,819	0	237	237	0	-
4216_4737, 4737_4216	370034, 355284 to 369701, 355352	4,099	4,119	0	96	95	0	-
4223_4232, 4232_4223	370007, 356096 to 370064, 356080	7,254	6,863	0	171	167	0	-
4226_4229, 4229_4226	370040, 355389 to 370043, 355432	3,218	3,187	0	168	169	0	-
4227_4229, 4229_4227	370103, 355429 to 370043, 355432	2,436	3,189	0	64	77	0	-
4227_4263, 4263_4227	370103, 355429 to 370264, 355419	2,776	3,519	0	75	89	0	-
4229_4661, 4661_4229	370043, 355432 to 370046, 355485	11,240	11,833	0	270	290	0	-
4232_4246, 4246_4232	370064, 356080 to 370123, 356062	7,307	6,927	0	174	169	0	-
4242_4246, 4246_4242	370134, 355949 to 370123, 356062	12,628	13,102	0	316	325	0	-
4242_4248, 4248_4242	370134, 355949 to 370159, 355832	12,485	13,018	0	312	321	0	-
4243_4256, 4256_4243	370149, 356382 to 370194, 356550	13,696	13,991	0	177	183	0	-
4243_4270, 4270_4243	370149, 356382 to 370279, 356339	7,255	6,500	0	60	56	0	-
4243_4708, 4708_4243	370149, 356382 to 370131, 356106	8,172	9,119	0	211	220	0	-
4246_4708, 4708_4246	370123, 356062 to 370131, 356106	8,235	9,180	0	217	227	0	-
4252_4254, 4254_4252	370180, 355264 to 370172, 355125	8,563	10,179	0	196	194	0	-

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		2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	
4252_4262, 4262_4252	370180, 355264 to 370240, 355256	9,944	11,589	0	121	127	0	-
4254_4267, 4267_4254	370172, 355125 to 370236, 355127	4,002	3,865	0	35	29	0	-
4254_4662, 4662_4254	370172, 355125 to 370184, 354831	5,051	5,461	0	109	111	0	-
4256_4261, 4261_4256	370194, 356550 to 370244, 356718	13,696	13,991	0	176	182	0	-
4257_4248, 4248_4257	370195, 355829 to 370159, 355832	1,040	1,035	0	368	367	0	-
4259_4264, 4264_4259	370205, 355707 to 370433, 355700	5,859	6,801	0	509	515	0	-
4262_4263, 4263_4262	370240, 355256 to 370264, 355419	2,864	3,059	0	68	80	0	-
4262_4281, 4281_4262	370240, 355256 to 370339, 355253	8,960	10,613	0	135	151	0	-
4263_4291, 4291_4263	370264, 355419 to 370444, 355411	3,801	4,562	0	51	55	0	-
4264_4702, 4702_4264	370433, 355700 to 370473, 355698	6,572	7,510	0	837	843	0	-
4265_4267, 4267_4265	370249, 354812 to 370236, 355127	4,654	4,913	0	33	37	0	-
4267_4302, 4302_4267	370236, 355127 to 370360, 355134	4,553	4,811	0	21	26	0	-
4270_4282, 4282_4270	370279, 356339 to 370353, 356271	7,061	6,311	0	59	55	0	-
4272_4311, 4311_4272	370432, 356013 to 370542, 356036	6,884	5,492	0	87	83	0	-
4281_4294, 4294_4281	370339, 355253 to 370522, 355274	7,839	9,628	0	66	73	0	-
4281_4302, 4302_4281	370339, 355253 to 370360, 355134	3,563	3,761	0	72	90	0	-
4282_4299, 4299_4282	370353, 356271 to 370464, 356211	7,096	6,335	0	47	43	0	-
4291_4245, 4245_4291	370444, 355411 to 370149, 355564	14,997	14,292	0	269	251	0	-
4291_4307, 4307_4291	370444, 355411 to 370515, 355405	10,935	11,635	0	184	181	0	-
4294_4307, 4307_4294	370522, 355274 to 370515, 355405	8,827	10,786	0	564	541	0	-
4294_4309, 4309_4294	370522, 355274 to 370523, 355242	5,043	6,117	0	519	483	0	-



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		2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	
4299_4322, 4322_4299	370464, 356211 to 370569, 356222	7,096	6,335	0	47	43	0	-
4302_4660, 4660_4302	370360, 355134 to 370372, 355044	1,980	2,436	0	89	102	0	-
4305_4394, 4394_4305	370456, 354420 to 370715, 354462	2,406	2,538	0	19	16	0	-
4306_4296, 4296_4306	370507, 354642 to 370557, 354657	10,361	10,862	0	152	168	0	-
4306_4301, 4301_4306	370507, 354642 to 370472, 354632	10,416	10,918	0	153	169	0	-
4307_4308, 4308_4307	370515, 355405 to 370518, 355498	10,160	11,150	0	544	573	0	-
4307_4325, 4325_4307	370515, 355405 to 370604, 355376	6,443	6,534	0	43	42	0	-
4308_4312, 4312_4308	370518, 355498 to 370545, 355643	8,437	9,412	0	554	584	0	-
4309_4319, 4319_4309	370523, 355242 to 370582, 355240	2,113	2,574	0	10	7	0	-
4309_4788, 4788_4309	370523, 355242 to 370527, 355159	2,931	3,543	0	509	476	0	-
4310_4340, 4340_4310	370533, 355047 to 370535, 355021	7,045	7,666	0	523	539	0	-
4310_4660, 4660_4310	370533, 355047 to 370372, 355044	6,215	6,673	0	93	107	0	-
4310_4788, 4788_4310	370533, 355047 to 370527, 355159	6,712	7,962	0	441	450	0	-
4311_4346, 4346_4311	370542, 356036 to 370640, 356077	6,815	5,416	0	80	78	0	-
4312_4324, 4324_4312	370545, 355643 to 370612, 355635	8,271	9,784	0	323	358	0	-
4312_4659, 4659_4312	370545, 355643 to 370548, 355693	6,572	7,510	0	837	843	0	-
4313_4296, 4296_4313	370550, 354744 to 370557, 354657	6,065	6,202	0	391	376	0	-
4316_4296, 4296_4316	370566, 354661 to 370557, 354657	10,261	10,397	0	381	368	0	-
4319_4352, 4352_4319	370582, 355240 to 370665, 355238	2,015	2,502	0	0	0	0	-
4321_4313, 4313_4321	370545, 354838 to 370550, 354744	6,152	7,024	0	394	385	0	-
4321_4712, 4712_4321	370545, 354838 to 370616, 354847	1,036	1,029	0	0	0	0	-

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		2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	
4322_4331, 4331_4322	370569, 356222 to 370616, 356148	11,069	11,315	0	181	177	0	-
4322_4344, 4344_4322	370569, 356222 to 370652, 356276	9,504	9,615	0	132	132	0	-
4324_4339, 4339_4324	370612, 355635 to 370630, 355775	7,912	9,036	0	321	355	0	-
4324_4658, 4658_4324	370612, 355635 to 370611, 355532	1,162	1,551	0	5	6	0	-
4325_4341, 4341_4325	370604, 355376 to 370637, 355369	6,546	6,643	0	42	41	0	-
4331_4346, 4346_4331	370616, 356148 to 370640, 356077	11,020	11,274	0	193	190	0	-
4334_4287, 4287_4334	370425, 358304 to 370310, 358208	8,690	10,736	10,791	85	85	83	-
4335_4316, 4316_4335	370622, 354683 to 370566, 354661	9,643	9,865	0	372	359	0	-
4338_4335, 4335_4338	370630, 354686 to 370622, 354683	8,420	8,512	0	363	352	0	-
4340_4746, 4746_4340	370535, 355021 to 370598, 355023	1,130	884	0	59	86	0	-
4345_4341, 4341_4343	370654, 355364 to 370637, 355369	6,547	6,644	0	42	41	0	-
4348_4699, 4699_4348	370662, 355023 to 370662, 355052	8,828	8,381	0	135	96	0	-
4348_4700, 4700_4348	370662, 355023 to 370665, 354995	9,884	9,172	0	196	182	0	-
4348_4917, 4917_4348	370662, 355023 to 370630, 355023	1,189	927	0	61	87	0	-
4349_4699, 4699_4349	370662, 355124 to 370662, 355052	8,829	8,381	0	136	96	0	-
4349_4789, 4789_4349	370662, 355124 to 370662, 355164	9,415	8,996	0	122	83	0	-
4350_4701, 4701_4350	370663, 355345 to 370666, 355260	14,220	14,843	0	16	16	0	-
4352_4701, 4701_4352	370665, 355238 to 370666, 355260	14,220	14,843	0	16	16	0	-
4352_4789, 4789_4352	370665, 355238 to 370662, 355164	12,205	12,342	0	16	16	0	-
4353_4350, 4350_4347	370668, 355363 to 370663, 355345	14,220	14,843	0	16	16	0	-
4359_4338, 4338_4359	370684, 354708 to 370630, 354686	8,680	9,701	0	366	362	0	-

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		2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	
4368_4363, 4363_4369	370715, 355751 to 370692, 355768	7,841	8,954	0	316	349	0	-
4370_4346, 4346_4370	370720, 355805 to 370640, 356077	13,405	14,048	0	254	248	0	-
4371_4370, 4370_4375	370720, 355770 to 370720, 355805	13,405	14,048	0	254	248	0	-
4378_4380	370740, 355765 to 370741, 355750	3,912	5,067	0	92	93	0	-
4380_4376	370741, 355750 to 370738, 355746	15,019	16,356	0	270	269	0	-
4381_4372, 4376_4381	370741, 355721 to 370720, 355745	15,801	16,668	0	72	73	0	-
4381_4690, 4690_4381	370741, 355721 to 370753, 355696	15,802	16,669	0	72	73	0	-
4382_4355, 4355_4382	370747, 354543 to 370670, 354554	1,677	1,708	0	26	25	0	-
4384_4380, 4378_4384	370759, 355758 to 370741, 355750	22,560	22,311	0	313	339	0	-
4387_4389, 4389_4387	370804, 355521 to 370785, 355577	13,265	12,874	0	22	22	0	-
4389_4658, 4658_4389	370785, 355577 to 370611, 355532	1,162	1,551	0	5	6	0	-
4391_4334, 4334_4391	370793, 358613 to 370425, 358304	8,583	10,153	9,223	74	76	74	-
4393_4689, 4689_4393	370811, 355508 to 370752, 355412	13,238	14,537	0	42	41	0	-
4394_4401, 4401_4394	370715, 354462 to 370848, 354471	2,406	2,538	0	19	16	0	-
4398_4382, 4382_4398	370839, 354522 to 370747, 354543	2,719	3,437	0	31	30	0	-
4400_4384, 4384_4400	370846, 355750 to 370759, 355758	22,561	22,311	0	313	339	0	-
4401_4398, 4398_4401	370848, 354471 to 370839, 354522	15,988	17,079	0	202	196	0	-
4403_4400, 4400_4403	370856, 355748 to 370846, 355750	22,407	22,157	0	304	330	0	-
4407_4388, 4388_4407	370871, 354707 to 370883, 354763	6,637	7,057	0	149	143	0	-
4407_4398, 4398_4407	370871, 354707 to 370839, 354522	6,575	7,007	0	149	144	0	-
4409_4334, 4334_4409	370883, 357718 to 370425, 358304	856	4,080	2,596	17	13	13	-

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		2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	
4409_4454, 4454_4409	370883, 357718 to 371127, 357862	447	3,628	2,237	14	11	12	-
4454_4391, 4391_4454	371127, 357862 to 370793, 358613	8,479	5,624	6,941	30	31	32	-
4475_4477	371237, 354903 to 371245, 354896	15,360	16,376	16,484	328	329	329	-
4522_4566, 4566_4522	371988, 355195 to 372013, 355216	16,204	0	17,239	413	0	416	-
4545_4707	371833, 355068 to 371842, 355079	8,941	9,901	10,049	200	203	203	-
4557_4551, 4549_4557	371919, 355130 to 371882, 355066	15,956	16,945	17,087	421	424	423	-
4593_4596	372303, 355403 to 372301, 355418	25,371	26,687	26,927	415	415	415	-
4596_30001	372301, 355418 to 372307, 355435	18,417	19,851	19,875	299	299	299	-
4598_4588, 4588_4593	372319, 355362 to 372275, 355376	16,859	17,848	17,988	410	414	413	-
4620_4622	372625, 352740 to 372635, 352769	20,082	19,822	19,699	992	827	828	-
4621_11034, 11035_4620	372630, 352723 to 370748, 352706	36,422	36,256	36,128	1,494	1,306	1,292	-
4622_9030	372635, 352769 to 372665, 352785	11,321	10,985	10,905	622	462	462	-
4624_4609, 4609_4624	373576, 357231 to 372363, 355462	21,411	22,871	23,033	472	491	475	-
4624_9118, 9118_4624	373576, 357231 to 374377, 358075	23,213	24,664	24,870	592	623	602	-
4629_4630, 4630_4629	369143, 357907 to 369107, 357890	8,065	9,239	0	221	221	0	-
4629_4632, 4632_4629	369143, 357907 to 369374, 357976	8,514	10,014	0	205	204	0	-
4630_4631, 4631_4630	369107, 357890 to 368955, 357822	8,517	9,626	0	235	234	0	-
4632_4634, 4634_4632	369374, 357976 to 369486, 357970	8,775	10,296	0	208	206	0	-
4633_4628, 4628_4633	369712, 357966 to 369882, 358035	8,925	9,945	0	81	82	0	-
4634_4633, 4633_4634	369486, 357970 to 369712, 357966	9,341	10,905	0	213	218	0	-

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		2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	
4648_4545, 4546_4649	371569, 354974 to 371833, 355068	14,541	15,552	15,688	441	445	444	-
4649_4531, 4531_4648	371571, 354952 to 371547, 354954	14,541	15,552	15,689	441	445	444	-
4652_4513, 4513_4651	371440, 354918 to 371425, 354919	14,733	15,793	15,958	404	410	409	-
4654_4478, 4477_4653	371410, 354908 to 371249, 354862	14,914	15,933	16,102	404	410	409	-
4659_4702, 4702_4659	370548, 355693 to 370473, 355698	6,572	7,510	0	837	843	0	-
4663_4359, 4359_4663	370745, 354729 to 370684, 354708	8,499	8,828	0	366	361	0	-
4663_4388, 4388_4663	370745, 354729 to 370883, 354763	11,707	11,716	0	524	506	0	-
4664_4332, 4332_4664	370723, 354807 to 370703, 354869	9,566	8,810	0	196	181	0	-
4664_4663, 4663_4664	370723, 354807 to 370745, 354729	9,773	8,868	0	202	186	0	-
4683_4736, 4736_4683	368167, 353810 to 368161, 353798	6,522	7,723	7,678	161	163	167	-
4690_4395, 4395_4690	370753, 355696 to 370815, 355530	15,801	16,669	0	72	73	0	-
4691_4403, 4403_4691	370977, 355703 to 370856, 355748	21,983	21,760	0	291	316	0	-
4693_4566, 4566_4693	372138, 355313 to 372013, 355216	16,687	17,640	17,723	409	412	411	-
4693_4581, 4581_4693	372138, 355313 to 372239, 355365	16,686	17,640	17,723	409	412	411	-
4698_4321, 4321_4698	370535, 355018 to 370545, 354838	5,935	6,813	0	465	456	0	-
4700_4332, 4332_4700	370665, 354995 to 370703, 354869	9,884	9,172	0	196	182	0	-
4707_4549	371842, 355079 to 371860, 355084	8,642	9,604	9,751	198	202	201	-
4709_4793, 4793_4709	369807, 356277 to 369843, 356350	4,695	4,257	0	11	17	0	-
4746_4917, 4917_4746	370598, 355023 to 370630, 355023	1,130	884	0	59	86	0	-
4759_4788, 4788_4759	370587, 355161 to 370527, 355159	4,257	4,910	0	88	54	0	-
4759_4789, 4789_4759	370587, 355161 to 370662, 355164	4,244	4,799	0	106	67	0	-

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		2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	
4901_4401, 4401_4901	370854, 354441 to 370848, 354471	17,113	18,064	0	188	185	0	-
4903_4399, 4399_4903	370869, 354353 to 370884, 354284	17,211	18,170	0	188	185	0	-
4903_4901, 4901_4903	370869, 354353 to 370854, 354441	17,299	18,234	0	188	185	0	-
4915_4398, 4398_4915	370789, 354630 to 370839, 354522	8,585	8,558	0	66	67	0	-
4915_4663, 4663_4915	370789, 354630 to 370745, 354729	8,667	8,640	0	66	67	0	-
5058_5060, 5060_5058	371318, 361707 to 370866, 361117	9,784	0	10,933	64	0	67	-
5058_9008, 9008_5058	371318, 361707 to 371209, 362390	10,091	11,069	11,235	73	78	78	-
5060_9007, 9007_5060	370866, 361117 to 371017, 359479	9,784	10,786	10,947	64	67	67	-
5112_5113	365794, 353536 to 365794, 353533	6,597	5,288	5,273	119	118	115	-
5117_5112, 5110_5117	365810, 353553 to 365794, 353536	13,685	12,232	12,412	254	249	246	-
5128_8059	365914, 353641 to 365908, 353648	18,426	18,085	18,192	599	541	539	-
5132_5128	365936, 353634 to 365914, 353641	11,299	11,112	11,025	464	409	407	-
5134_5132	365942, 353637 to 365936, 353634	17,855	16,361	16,259	583	526	522	-
5169_5125, 5125_5169	365816, 353556 to 365895, 353612	13,684	12,232	12,412	254	249	246	-
5170_5172	367003, 352583 to 367005, 352589	15,796	15,861	15,741	575	513	517	-
5171_5170	367013, 352562 to 367003, 352583	10,550	10,676	10,567	492	437	441	-
5173_5171	367029, 352557 to 367013, 352562	18,116	19,260	19,185	616	560	566	-
5174_5173, 8100_5174	367056, 352533 to 367029, 352557	19,231	17,888	18,069	1,055	872	871	-
7051_7053, 7053_7051	366514, 360469 to 366661, 360605	12,830	14,138	0	415	429	0	-
7052_7053, 7053_7052	366544, 360902 to 366661, 360605	10,579	11,314	0	249	260	0	-
7053_7054, 7054_7053	366661, 360605 to 367745, 360657	16,825	17,711	0	517	521	0	-

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Additional data used in the air quality assessment

Road ID	Start and end coordinates	AADT flows			HDV flows			Notes
		2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	
7055_7040, 7040_7055	368289, 361636 to 369054, 362697	19,872	20,882	20,944	536	484	501	-
7055_7056, 7056_7055	368289, 361636 to 368377, 360843	13,512	13,830	13,997	235	187	190	-
8058_8122	365906, 353676 to 365916, 353684	20,320	20,315	20,349	838	683	684	-
8059_8058	365908, 353648 to 365906, 353676	8,576	8,341	8,447	207	171	171	-
8060_8063, 8063_8061	365937, 353683 to 365982, 353691	19,077	17,800	17,847	430	400	395	-
8061_8062	365951, 353665 to 365954, 353655	16,150	15,118	15,201	713	598	589	-
8062_5134	365954, 353655 to 365942, 353637	7,669	6,072	6,119	163	164	157	-
8065_8063, 8063_8065	366377, 353975 to 365982, 353691	19,076	17,800	17,847	430	400	395	-
8067_8065, 8065_8067	366690, 354253 to 366377, 353975	21,676	19,918	20,538	469	433	431	-
8069_8064, 8064_8069	366999, 352616 to 365987, 353628	18,663	19,311	19,197	971	796	797	-
8071_8067, 8067_8071	367220, 354864 to 366690, 354253	20,820	19,018	19,659	466	430	429	-
8074_8084, 8084_8074	367374, 355083 to 367979, 354824	11,028	10,923	9,643	69	71	64	-
8076_8081, 8083_8076	367557, 355511 to 367565, 355555	23,546	21,114	22,141	493	450	457	-
8077_8079, 8079_8077	367559, 356373 to 367560, 355676	17,403	18,988	16,683	318	277	273	-
8078_8082	367559, 355586 to 367579, 355600	7,372	5,555	7,612	106	103	110	-
8079_8080, 8080_8079	367560, 355676 to 367561, 355644	17,921	19,501	17,316	366	325	321	-
8081_8078	367565, 355555 to 367559, 355586	15,945	16,308	16,226	327	293	294	-
8082_4001	367579, 355600 to 367590, 355599	16,719	14,288	16,308	253	239	248	-
8083_8081	367587, 355549 to 367565, 355555	3,837	4,964	4,125	47	51	45	-
8085_30108, 30108_8085	367982, 358678 to 367985, 358563	32,347	32,445	32,389	698	611	608	-

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Additional data used in the air quality assessment

Road ID	Start and end coordinates	AADT flows			HDV flows			Notes
		2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	
8086_8089, 8089_8086	367987, 358222 to 368073, 357654	18,073	18,049	17,852	550	468	470	-
8086_8126, 8126_8086	367987, 358222 to 367982, 358255	12,787	12,720	12,561	358	312	313	-
8088_30109, 30109_8088	368080, 357458 to 368110, 357255	23,573	26,766	23,023	473	400	382	-
8088_8089, 8089_8088	368080, 357458 to 368073, 357654	21,923	25,094	21,395	450	376	360	-
8089_4012, 4012_8089	368073, 357654 to 368385, 357813	17,683	16,383	17,147	310	296	306	-
8090_7056, 7056_8090	368192, 359380 to 368377, 360843	12,765	12,873	13,053	240	188	191	-
8090_8085, 8085_8090	368192, 359380 to 367982, 358678	12,765	12,501	12,546	240	188	191	-
8095_8074, 8074_8095	367289, 354991 to 367374, 355083	20,819	19,086	19,721	458	422	421	-
8098_8099	367022, 352604 to 367028, 352604	14,088	14,616	14,681	708	587	586	-
8099_8101	367028, 352604 to 367045, 352596	8,153	8,321	8,289	539	413	412	-
8100_5173	367045, 352564 to 367029, 352557	7,642	9,461	9,428	129	127	134	-
8101_8103	367045, 352596 to 367049, 352588	15,894	16,943	17,135	695	564	571	-
8102_8100	367048, 352571 to 367045, 352564	16,401	17,561	17,752	696	565	571	-
8103_8102	367049, 352588 to 367048, 352571	14,998	15,761	16,051	696	564	571	-
8104_8075, 8075_8104	367065, 352624 to 367441, 352744	13,681	14,949	15,273	321	322	329	-
8110_4015, 4015_8110	367712, 352857 to 367855, 352932	12,148	13,724	13,404	220	227	230	-
8110_8108, 8108_8110	367712, 352857 to 367558, 352788	12,297	13,871	13,551	222	228	232	-
8121_8108, 8108_8121	367469, 352752 to 367558, 352788	13,079	14,673	14,153	292	298	302	-
8122_8060	365916, 353684 to 365937, 353683	20,197	20,192	20,227	829	674	676	-
8126_30108, 30108_8126	367982, 358255 to 367985, 358563	18,706	18,470	18,195	502	445	448	-



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Road ID	Start and end coordinates	AADT flows			HDV flows			Notes
		2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	
9001_9008, 9008_9001	371061, 362416 to 371209, 362390	12,484	13,815	13,866	91	90	91	-
9004_9001, 9001_9004	370964, 363995 to 371061, 362416	7,876	8,395	8,984	58	54	55	-
9006_4391, 4391_9006	370785, 359069 to 370793, 358613	14,582	15,524	15,828	105	105	104	-
9006_9007, 9007_9006	370785, 359069 to 371017, 359479	14,635	0	15,894	103	0	102	-
9022_9007, 9007_9022	372395, 360018 to 371017, 359479	11,239	12,446	12,281	59	60	59	-
9030_9031	372665, 352785 to 372701, 352769	19,298	18,411	18,206	910	761	745	-
9039_9042, 9045_9039	373235, 351249 to 373266, 351277	10,142	0	11,151	183	0	183	-
9043_9046, 9044_9043	373268, 351317 to 373290, 351302	6,603	0	6,831	124	0	127	-
9043_9081, 9081_9043	373268, 351317 to 373618, 351909	6,603	0	6,831	124	0	127	-
9050_9057, 9057_9054	373300, 351300 to 373327, 351311	8,846	0	8,346	186	0	180	-
9055_9059, 9059_9048	373315, 351277 to 373329, 351246	15,037	0	15,310	168	0	167	-
9059_9091, 9091_9059	373329, 351246 to 373813, 351116	15,037	0	15,309	168	0	167	-
9060_9120, 9119_9061	373337, 352816 to 374415, 352397	28,229	27,941	28,074	1,566	1,356	1,356	-
9062_9297, 9297_9062	373391, 357206 to 372864, 357519	4,988	6,318	6,552	119	131	127	-
9065_9062, 9062_9065	373498, 356992 to 373391, 357206	6,449	7,536	7,632	33	39	40	-
9068_4624, 4624_9068	373526, 357295 to 373576, 357231	6,769	8,252	8,328	130	137	131	-
9120_9123	374415, 352397 to 374427, 352409	20,979	20,564	20,593	857	687	685	-
9121_9119	374424, 352350 to 374414, 352360	22,161	22,458	22,650	975	924	923	-
9122_9057, 9057_9122	374426, 352324 to 373327, 351311	8,846	0	8,346	186	0	180	-
9123_9124, 9124_9125	374427, 352409 to 374434, 352433	9,968	10,887	11,145	277	279	280	-
9123_9125	374427, 352409 to 374448, 352412	15,960	15,135	15,120	822	652	650	-

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Road ID	Start and end coordinates	AADT flows			HDV flows			Notes
		2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	
9125_9127	374448, 352412 to 374468, 352404	20,909	20,593	20,792	1,063	895	894	-
9126_9121	374453, 352343 to 374424, 352350	18,132	19,090	19,350	874	828	829	-
9128_9126	374479, 352378 to 374453, 352343	22,949	23,818	24,272	960	913	913	-
9130_9291, 20278_20281	374540, 352431 to 376183, 352932	40,242	39,906	40,275	1,918	1,704	1,703	-
9138_3046, 3046_3047	374725, 358248 to 374699, 358261	23,199	24,657	24,863	591	623	602	-
9139_9138	374733, 358241 to 374725, 358248	16,698	18,016	18,225	376	399	379	-
9144_9139	374758, 358242 to 374733, 358241	10,489	11,387	11,533	340	361	343	-
9155_3054, 3054_9155	375395, 358906 to 374799, 358276	19,003	20,175	20,293	587	609	589	-
9155_3114, 3114_9155	375395, 358906 to 375917, 360463	20,427	21,509	21,619	598	620	599	-
9218_9222, 9221_9218	377631, 352478 to 377663, 352462	6,674	5,772	5,670	188	184	184	-
9219_9234, 9233_9215	377687, 352782 to 377869, 351806	70,811	74,106	73,676	13,348	13,289	13,321	-
9220_9221	377645, 352420 to 377647, 352437	31,081	30,153	30,145	1,717	1,652	1,624	-
9221_9222	377647, 352437 to 377663, 352462	26,222	25,864	25,943	1,599	1,538	1,509	-
9222_9224	377663, 352462 to 377676, 352469	27,906	27,239	27,303	1,663	1,603	1,575	-
9224_9215	377676, 352469 to 377636, 352793	11,566	11,727	11,827	661	771	745	-
9225_9223	377705, 352371 to 377674, 352379	33,652	34,215	34,515	1,637	1,713	1,687	-
9227_9229	377779, 352492 to 377800, 352481	29,874	29,876	29,905	2,251	2,060	2,059	-
9229_9231	377800, 352481 to 377821, 352429	9,250	9,405	9,621	877	713	711	-
9230_9225	377810, 352400 to 377705, 352371	25,378	25,520	25,728	1,160	1,254	1,229	-
9231_9230	377821, 352429 to 377810, 352400	30,802	30,942	31,187	2,101	2,023	1,997	-

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Road ID	Start and end coordinates	AADT flows			HDV flows			Notes
		2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	2026 without the AP2 revised scheme	2026 Scenario 1 with the AP2 revised scheme	2026 Scenario 2 with the AP2 revised scheme	
9288_9350, 9331_9287	378515, 347472 to 377858, 351715	84,514	88,064	87,830	14,762	14,509	14,540	-
9289_11053, 11053_9289	372178, 352111 to 371535, 351282	0	47	158	0	0	1	-
9291_9194, 20279_20278	376183, 352932 to 377013, 352665	40,242	39,906	40,276	1,918	1,704	1,703	-
9298_9307, 9307_9298	373337, 358623 to 372419, 359011	6,564	7,752	7,630	32	34	33	-
9301_4621	372686, 352703 to 372630, 352723	20,482	20,306	20,264	1,028	999	983	-
9307_9022, 9022_9307	372419, 359011 to 372395, 360018	6,583	7,772	7,649	31	32	31	-
9309_9213, 15041_9308	377126, 355498 to 377552, 360412	95,925	100,028	99,634	15,246	15,272	15,276	-
9352_9227	377722, 352598 to 377779, 352492	13,529	14,354	14,409	1,252	1,234	1,235	-
9353_9225	377736, 352204 to 377705, 352371	8,276	8,695	8,788	475	456	456	-
9356_4636, 4636_9356	371398, 357088 to 371531, 357088	5,206	6,516	6,751	119	131	127	-
9356_9357, 9366_9356	371398, 357088 to 371389, 357080	5,166	6,495	6,729	119	131	127	-
9365_9366	371369, 357117 to 371385, 357091	13,575	14,543	14,850	120	132	128	-

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**Table 2: Site haul route and along the route construction traffic flows in the Hough to Walley's Green (MA01) community area**

Road ID	No. 40 tonne ADT	No. 20 tonne HGV (along the route)	No. 40 tonne ADT (along the route)
MA01/01b	0	86	0
MA01/02	0	49	0
MA01/03	0	43	0
MA01/04	0	275	0
MA01/05	0	137	0
MA01/06	0	137	0
MA02/01	0	131	0
MA02/01a	0	178	0
MA02/01a (TN01)	84	54	0
ML_246000	0	86	0
ML_248700	0	49	0
ML_250900	0	43	0
ML_252500	0	0	0
ML_252600	0	0	0
ML_252700	0	0	0
ML_252800	0	0	71
ML_252900	0	0	71
ML_253000	0	0	71
ML_253100	0	0	71
ML_253200	0	60	71
ML_253300	0	60	123
ML_253400	0	60	193
ML_253500	0	60	107
ML_253600	0	60	107
ML_253700	0	115	107
ML_253800	0	137	109
ML_253900	0	137	109
ML_254000	0	74	107
ML_254100	0	74	107
ML_254200	0	74	107
ML_254300	0	74	107
ML_254400	0	74	107
ML_254500	0	74	107
ML_254600	0	74	107
ML_254700	0	74	107
ML_254800	0	74	107

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Road ID	No. 40 tonne ADT	No. 20 tonne HGV (along the route)	No. 40 tonne ADT (along the route)
ML_254900	0	74	107
ML_255000	0	74	107
ML_255100	0	74	107
ML_255200	0	74	107
ML_255300	0	74	180
ML_255400	0	74	76
ML_255500	0	74	76
ML_255600	0	74	76
ML_255700	0	62	76
ML_255800	0	62	76
ML_255900	0	62	76
ML_256000	0	62	76
ML_256100	0	62	76
ML_256200	0	62	198
ML_256300	0	62	84
ML_256400	0	62	84
ML_256500	0	178	84
ML_256600	0	178	84
ML_256700	0	178	84
ML_256800	0	178	84
ML_256900	0	178	57

## **4 Operational traffic data**

- 4.1.1 Table 3 outlines the predicted flows on the highway network relating to the operation of the AP2 revised scheme in 2039. The data presented are split into AADT and HDV in the 'without the AP2 revised scheme' and 'with the AP2 revised scheme' scenarios, together with the change between the two scenarios. It also notes whether the road will be closed, diverted or realigned permanently, due to the operation of the AP2 revised scheme.

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**Table 3: Highway network operation traffic flows in the Hough to Walley's Green (MA01) community area**

Road ID	Start and end coordinates	AADT flows			HDV flows			Notes
		2039 without the AP2 revised scheme	2039 with the AP2 revised scheme	Change	2039 without the AP2 revised scheme	2039 with the AP2 revised scheme	Change	
1285_2064, 2064_1285	368920, 363668 to 368291, 361672	18,369	19,890	1,521	440	469	29	Realignment

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## 5 References

High Speed Two Ltd (2022), High Speed Rail (Crewe – Manchester), *Background Information and Data*. Available online at: <https://www.gov.uk/government/collections/hs2-phase2b-crewe-manchester-environmental-statement>.

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