Full Build-Out With School

Public transport
Active travel
Traffic and parking management
Placemaking and land use planning

Internal trips and mode shares Trips made within each allocation site

Site	Scale	Unit	Theme rating 1	Theme rating 2	Theme rating 3	Theme rating 4	Mode	BAU Two-Way Trip Rates AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	BAU Mode Share AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	BAU Internal Trip Generation AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep
BA1	2,750	dwellings	3	4	4	4	Vehicles	0.075	0.215	0.168	0.080	1.122	1.128	47%	47%	47%	47%	47%	47%	92	262	186	89	1204	1211
							Public transport	0.002	0.005	0.004	0.002	0.024	0.024	1%	1%	1%	1%	1%	1%	2	6	4	2	26	26
							Active travel	0.083	0.237	0.186	0.089	1.241	1.248	52%	52%	52%	52%	52%	52%	101	290	205	98	1332	1340
BA2	200	dwellings	1	3	3	4	Vehicles	0.075	0.215	0.168	0.080	1.122	1.128	47%	47%	47%	47%	47%	47%	0	0	0	0	0	0
							Public transport	0.002	0.005	0.004	0.002	0.024	0.024	1%	1%	1%	1%	1%	1%	0	0	0	0	0	0
							Active travel	0.083	0.237	0.186	0.089	1.241	1.248	52%	52%	52%	52%	52%	52%	0	0	0	0	0	0
BA3	-	dwellings	1	3	2	2	Vehicles	0.075	0.215	0.168	0.080	1.122	1.128	47%	47%	47%	47%	47%	47%	0	0	0	0	0	0
							Public transport	0.002	0.005	0.004	0.002	0.024	0.024	1%	1%	1%	1%	1%	1%	0	0	0	0	0	0
							Active travel	0.083	0.237	0.186	0.089	1.241	1.248	52%	52%	52%	52%	52%	52%	0	0	0	0	0	0
BA10	100,000	sqm	1	4	3	3	Vehicles	0.609	0.192	0.144	0.412	4.195	4.213	80%	78%	46%	67%	69%	69%	27	8	17	47	410	412
							Public transport	0.060	0.009	0.126	0.102	0.994	1.010	12%	18%	14%	16%	14%	14%	3	0	15	12	97	99
							Active travel	0.092	0.045	0.045	0.099	0.857	0.858	8%	4%	40%	17%	16%	17%	4	2	5	11	84	84

Site	BAU CO2e emissions - Tonnes (2040 fleet mix assumptions) AM Peak	PM Peak	Daily	Annually	Vision-led Mode Share AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	Vision-led Trip Rates AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	Vision-led Internal Trip Generation AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	Vision-led CO2e emissions - Tonnes AM Peak	PM Peak	Daily	Annually	Mode	Difference in trips between BAU and vision-led scenarios AM Peak	PM Peak	Daily	CO2e savings between BAU and ambitious scenarios - Tonnes AM Peak	PM Peak	Daily	Annually
BA1	0.29	0.22	1.95	586	11%	11%	11%	11%	11%	11%	0.018	0.052	0.041	0.019	0.271	0.272	22	63	45	21	291	292	0.07	0.05	0.47	141	Vehicles	-268	-208	-1,833	-0.2	-0.2	-1.5	-445
					6%	6%	6%	6%	6%	6%	0.010	0.028	0.022	0.011	0.148	0.149	12	35	25	12	159	160					Public transport	39	30	268				
					82%	82%	82%	82%	82%	82%	0.132	0.376	0.295	0.141	1.968	1.979	161	459	326	156	2113	2124					Active travel	229	178	1,565				
BA2	0.00	0.00	0.00	0	29%	29%	29%	29%	29%	29%	0.046	0.132	0.103	0.049	0.689	0.693	0	0	0	0	0	0	0.00	0.00	0.00	0	Vehicles	0	0	0	0.0	0.0	0.0	0
					3%	3%	3%	3%	3%	3%	0.005	0.014	0.011	0.005	0.072	0.072	0	0	0	0	0	0					Public transport	0	0	0				
					68%	68%	68%	68%	68%	68%	0.109	0.311	0.244	0.117	1.626	1.635	0	0	0	0	0	0					Active travel	0	0	0				
BA3	0.00	0.00	0.00	0	38%	38%	38%	38%	38%	38%	0.061	0.174	0.136	0.065	0.908	0.913	0	0	0	0	0	0	0.00	0.00	0.00	0	Vehicles	0	0	0	0.0	0.0	0.0	0
					1%	1%	1%	1%	1%	1%	0.002	0.005	0.004	0.002	0.026	0.026	0	0	0	0	0	0					Public transport	0	0	0				
					61%	61%	61%	61%	61%	61%	0.097	0.278	0.218	0.104	1.453	1.461	0	0	0	0	0	0					Active travel	0	0	0				
BA10	0.03	0.05	0.67	200	74%	71%	28%	57%	60%	59%	0.560	0.175	0.089	0.347	3.601	3.613	25	8	10	40	352	353	0.03	0.04	0.57	171	Vehicles	-3	-14	-117	0.0	0.0	-0.1	-28
					16%	24%	19%	21%	19%	19%	0.122	0.060	0.059	0.130	1.132	1.134	5	3	7	15	111	111					Public transport	5	-5	26				
					10%	5%	53%	22%	22%	22%	0.079	0.012	0.167	0.134	1.314	1.335	3	1	19	16	128	131					Active travel	-2	18	91				

Baldock trips and mode shares Trips made from each allocation site into / around Baldock and Letchworth and the stations

Site	Scale	Unit	Theme rating 1	Theme rating 2	Theme rating 3	Theme rating 4	Mode	BAU Two-Way Trip Rates AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	BAU Mode Share AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	BAU Baldock Trip Generation AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep
BA1	2,750	dwellings	4	4	3	4	Vehicles	0.127	0.334	0.299	0.137	1.901	1.906	80%	73%	84%	80%	80%	79%	55	143	164	75	1096	1099
							Public transport	0.003	0.030	0.003	0.003	0.105	0.105	2%	7%	5%	2%	4%	4%	1	13	2	2	60	60
							Active travel	0.030	0.092	0.041	0.031	0.381	0.390	18%	20%	12%	18%	16%	16%	13	40	23	17	220	225
BA2	200	dwellings	3	3	3	3	Vehicles	0.127	0.334	0.299	0.137	1.901	1.906	80%	73%	84%	80%	80%	79%	15	40	36	16	228	229
							Public transport	0.003	0.030	0.003	0.003	0.105	0.105	2%	7%	5%	2%	4%	4%	0	4	0	0	13	13
							Active travel	0.030	0.092	0.041	0.031	0.381	0.390	18%	20%	12%	18%	16%	16%	4	11	5	4	46	47
BA3	-	dwellings	3	3	3	3	Vehicles	0.127	0.334	0.299	0.137	1.901	1.906	80%	73%	84%	80%	80%	79%	0	0	0	0	0	0
							Public transport	0.003	0.030	0.003	0.003	0.105	0.105	2%	7%	5%	2%	4%	4%	0	0	0	0	0	0
							Active travel	0.030	0.092	0.041	0.031	0.381	0.390	18%	20%	12%	18%	16%	16%	0	0	0	0	0	0
BA10	100,000	sqm	4	4	3	4	Vehicles	0.609	0.192	0.144	0.412	4.195	4.213	80%	78%	46%	67%	69%	69%	338	107	70	199	2107	2116
							Public transport	0.060	0.009	0.126	0.102	0.994	1.010	12%	18%	14%	16%	14%	14%	33	5	61	49	499	507
							Active travel	0.092	0.045	0.045	0.099	0.857	0.858	8%	4%	40%	17%	16%	17%	51	25	22	48	430	431

Site	BAU CO2e emissions - Tonnes (2040 fleet mix assumptions) AM Peak	PM Peak	Daily	Annually	Vision-led Mode Share AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	Vision-led Trip Rates AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	Vision-led Baldock Trip Generation AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	Vision-led CO2e emissions - Tonnes AM Peak	PM Peak	Daily	Annually	Mode	Difference in trips between BAU and vision-led scenarios AM Peak	PM Peak	Daily	CO2e savings between BAU and ambitious scenarios - Tonnes AM Peak	PM Peak	Daily	Annually
BA1	0.16	0.19	1.78	533	53%	45%	58%	54%	53%	53%	0.085	0.203	0.208	0.092	1.262	1.262	36	87	113	50	728	727	0.10	0.13	1.18	353	Vehicles	-75	-75	-740	-0.1	-0.1	-0.6	-180
					6%	13%	10%	6%	10%	10%	0.010	0.058	0.037	0.010	0.231	0.232	4	25	20	6	133	134					Public transport	15	23	147				
					41%	43%	32%	40%	37%	38%	0.065	0.196	0.114	0.069	0.894	0.907	28	84	62	38	515	523					Active travel	60	60	594				
BA2	0.04	0.04	0.37	111	66%	57%	70%	67%	65%	65%	0.105	0.262	0.252	0.114	1.562	1.564	13	31	30	14	187	188	0.04	0.04	0.30	91	Vehicles	-11	-8	-82	0.0	0.0	-0.1	-20
					11%	17%	15%	11%	15%	15%	0.018	0.080	0.054	0.019	0.348	0.349	2	10	7	2	42	42					Public transport	8	8	58				
					23%	25%	14%	22%	20%	20%	0.037	0.115	0.052	0.038	0.477	0.488	4	14	6	5	57	59					Active travel	4	2	23				
BA3	0.00	0.00	0.00	0	69%	60%	74%	70%	69%	69%	0.110	0.275	0.265	0.119	1.644	1.646	0	0	0	0	0	0	0.00	0.00	0.00	0	Vehicles	0	0	0	0.0	0.0	0.0	0
					6%	13%	11%	6%	10%	10%	0.010	0.059	0.038	0.011	0.239	0.239	0	0	0	0	0	0					Public transport	0	0	0				
					24%	27%	15%	24%	21%	21%	0.039	0.122	0.054	0.041	0.504	0.515	0	0	0	0	0	0					Active travel	0	0	0				
BA10	0.36	0.22	3.42	1,025	53%	51%	9%	37%	40%	40%	0.406	0.125	0.030	0.226	2.401	2.406	226	70	14	110	1206	1208	0.24	0.10	1.95	586	Vehicles	-150	-145	-1,809	-0.1	-0.1	-1.5	-439
					20%	28%	22%	25%	22%	22%	0.149	0.068	0.070	0.151	1.345	1.349	83	38	34	73	675	677					Public transport	83	-3	346				
					27%	22%	68%	38%	38%	38%	0.206	0.053	0.216	0.234	2.300	2.327	114	30	105	113	1155	1169					Active travel	67	149	1,462				

Residual trips and mode shares Trips made outside of Baldock / Letchworth

Site	Scale	Unit	Theme rating 1	Theme rating 2	Theme rating 3	Theme rating 4	Mode	BAU Two-Way Trip Rates AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	BAU Mode Share AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	BAU Residual Trip Generation AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep
BA1	2,750	dwellings	1	1	2	N/A	Vehicles	0.127	0.334	0.299	0.137	1.901	1.906	80%	73%	84%	80%	80%	79%	140	367	329	151	2091	2097
							Public transport	0.003	0.030	0.003	0.003	0.105	0.105	2%	7%	5%	2%	4%	4%	3	33	3	3	115	115
							Active travel	0.030	0.092	0.041	0.031	0.381	0.390	18%	20%	12%	18%	16%	16%	32	101	45	34	420	429
BA2	200	dwellings	1	1	2	N/A	Vehicles	0.127	0.334	0.299	0.137	1.901	1.906	80%	73%	84%	80%	80%	79%	10	27	24	11	152	152
							Public transport	0.003	0.030	0.003	0.003	0.105	0.105	2%	7%	5%	2%	4%	4%	0	2	0	0	8	8
							Active travel	0.030	0.092	0.041	0.031	0.381	0.390	18%	20%	12%	18%	16%	16%	2	7	3	2	31	31
BA3	-	dwellings	1	1	1	N/A	Vehicles	0.127	0.334	0.299	0.137	1.901	1.906	80%	73%	84%	80%	80%	79%	0	0	0	0	0	0
							Public transport	0.003	0.030	0.003	0.003	0.105	0.105	2%	7%	5%	2%	4%	4%	0	0	0	0	0	0
							Active travel	0.030	0.092	0.041	0.031	0.381	0.390	18%	20%	12%	18%	16%	16%	0	0	0	0	0	0
BA10	100,000	sqm	1	1	1	N/A	Vehicles	0.609	0.192	0.144	0.412	4.195	4.213	80%	78%	46%	67%	69%	69%	243	77	58	165	1678	1685
							Public transport	0.060	0.009	0.126	0.102	0.994	1.010	12%	18%	14%	16%	14%	14%	24	4	51	41	398	404
							Active travel	0.092	0.045	0.045	0.099	0.857	0.858	8%	4%	40%	17%	16%	17%	37	18	18	39	343	343

Site	BAU CO2e emissions - Tonnes (2040 fleet mix assumptions) AM Peak	PM Peak	Daily	Annually	Vision-led Mode Share AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	Vision-led Trip Rates AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	Vision-led Residual Trip Generation AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	Vision-led CO2e emissions - Tonnes AM Peak	PM Peak	Daily	Annually	Mode	Difference in trips between BAU and vision-led scenarios AM Peak	PM Peak	Daily	CO2e savings between BAU and ambitious scenarios - Tonnes AM Peak	PM Peak	Daily	Annually
BA1	0.41	0.39	3.39	1,016	80%	73%	84%	80%	80%	79%	0.127	0.334	0.299	0.137	1.901	1.906	140	367	329	151	2091	2097	0.41	0.39	3.39	1,016	Vehicles	0	0	0	0.0	0.0	0.0	0
					2%	7%	5%	2%	4%	4%	0.003	0.030	0.017	0.003	0.105	0.105	3	33	19	3	115	115					Public transport	0	16	0				
					18%	20%	12%	18%	16%	16%	0.030	0.092	0.041	0.031	0.381	0.390	32	101	45	34	420	429					Active travel	0	0	0				
BA2	0.03	0.03	0.25	74	76%	69%	80%	77%	76%	76%	0.121	0.317	0.286	0.132	1.812	1.816	10	25	23	11	145	145	0.03	0.03	0.23	70	Vehicles	-2	-2	-14	0.0	0.0	0.0	-3
					3%	8%	6%	3%	5%	5%	0.004	0.036	0.021	0.005	0.131	0.131	0	3	2	0	10	10					Public transport	1	2	4				
					21%	23%	14%	20%	19%	19%	0.034	0.105	0.051	0.035	0.445	0.454	3	8	4	3	36	36					Active travel	1	1	10				
BA3	0.00	0.00	0.00	0	80%	73%	84%	80%	80%	79%	0.127	0.334	0.299	0.137	1.901	1.906	0	0	0	0	0	0	0.00	0.00	0.00	0	Vehicles	0	0	0	0.0	0.0	0.0	0
					2%	7%	5%	2%	4%	4%	0.003	0.030	0.017	0.003	0.105	0.105	0	0	0	0	0	0					Public transport	0	0	0				
					18%	20%	12%	18%	16%	16%	0.030	0.092	0.041	0.031	0.381	0.390	0	0	0	0	0	0					Active travel	0	0	0				
BA10	0.26	0.18	2.72	816	80%	78%	46%	67%	69%	69%	0.609	0.192	0.144	0.412	4.195	4.213	243	77	58	165	1678	1685	0.26	0.18	2.72	816	Vehicles	0	0	0	0.0	0.0	0.0	0
					12%	18%	14%	16%	14%	14%	0.092	0.045	0.045	0.099	0.857	0.858	37	18	18	39	343	343					Public transport	28	-34	-116				
					8%	4%	40%	17%	16%	17%	0.060	0.009	0.126	0.102	0.994	1.010	24	4	51	41	398	404					Active travel	-28	34	116				

Full Build-Out No School

Public transport
Active travel
Traffic and parking management
Placemaking and land use planning

Internal trips and mode shares Trips made within each allocation site

Site	Scale	Unit	Theme rating 1	Theme rating 2	Theme rating 3	Theme rating 4	Mode	BAU Two-Way Trip Rates AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	BAU Mode Share AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	BAU Internal Trip Generation AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep
BA1	2,750	dwellings	3	4	4	4	Vehicles	0.075	0.215	0.168	0.080	1.122	1.128	47%	47%	47%	47%	47%	47%	92	262	186	89	1204	1211
							Public transport	0.002	0.005	0.004	0.002	0.024	0.024	1%	1%	1%	1%	1%	1%	2	6	4	2	26	26
							Active travel	0.083	0.237	0.186	0.089	1.241	1.248	52%	52%	52%	52%	52%	52%	101	290	205	98	1332	1340
BA2	200	dwellings	N/A	3	3	4	Vehicles	0.075	0.005	0.168	0.080	1.122	1.128	47%	47%	47%	47%	47%	47%	0	0	0	0	0	0
							Public transport	0.002	0.005	0.004	0.002	0.024	0.024	1%	1%	1%	1%	1%	1%	0	0	0	0	0	0
							Active travel	0.083	0.237	0.186	0.089	1.241	1.248	52%	52%	52%	52%	52%	52%	0	0	0	0	0	0
BA3	248	dwellings	n/a	3	2	2	Vehicles	0.075	0.215	0.168	0.080	1.122	1.128	47%	47%	47%	47%	47%	47%	1	4	5	2	25	25
							Public transport	0.002	0.005	0.004	0.002	0.024	0.024	1%	1%	1%	1%	1%	1%	0	0	0	0	1	1
							Active travel	0.083	0.237	0.186	0.089	1.241	1.248	52%	52%	52%	52%	52%	52%	2	4	5	3	27	28
BA10	100,000	sqm	n/a	4	3	3	Vehicles	0.609	0.192	0.144	0.412	4.195	4.213	80%	78%	46%	67%	69%	69%	27	8	17	47	410	412
							Public transport	0.060	0.009	0.126	0.102	0.994	1.010	12%	18%	14%	16%	14%	14%	3	0	15	12	97	99
							Active travel	0.092	0.045	0.045	0.099	0.857	0.858	8%	4%	40%	17%	16%	17%	4	2	5	11	84	84

Site	Mode	BAU CO2e emissions - Tonnes (2040 fleet mix assumptions) AM Peak	PM Peak	Daily	Annually	Vision-led Mode Share AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	Vision-led Trip Rates AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	Vision-led Internal Trip Generation AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep
BA1	Vehicles	0.29	0.22	1.95	586	11%	11%	11%	11%	11%	11%	0.018	0.052	0.041	0.019	0.271	0.272	22	63	45	21	291	292
	Public transport					6%	6%	6%	6%	6%	6%	0.010	0.028	0.022	0.011	0.148	0.149	12	35	25	12	159	160
	Active travel					82%	82%	82%	82%	82%	82%	0.132	0.376	0.295	0.141	1.968	1.979	161	459	326	156	2113	2124
BA2	Vehicles	0.00	0.00	0.00	0	21%	21%	21%	21%	21%	21%	0.034	0.098	0.077	0.037	0.512	0.514	0	0	0	0	0	0
	Public transport					4%	4%	4%	4%	4%	4%	0.006	0.017	0.014	0.007	0.091	0.092	0	0	0	0	0	0
	Active travel					75%	75%	75%	75%	75%	75%	0.119	0.341	0.268	0.128	1.784	1.794	0	0	0	0	0	0
BA3	Vehicles	0.00	0.01	0.04	12	36%	36%	36%	36%	36%	36%	0.057	0.164	0.128	0.061	0.857	0.861	1	3	4	2	19	19
	Public transport					1%	1%	1%	1%	1%	1%	0.002	0.005	0.004	0.002	0.025	0.025	0	0	0	0	1	1
	Active travel					63%	63%	63%	63%	63%	63%	0.101	0.288	0.226	0.108	1.505	1.513	2	5	6	3	33	34
BA10	Vehicles	0.03	0.05	0.67	200	73%	70%	26%	56%	58%	58%	0.555	0.173	0.084	0.340	3.537	3.548	24	8	10	39	346	347
	Public transport					16%	25%	19%	22%	19%	19%	0.125	0.062	0.060	0.134	1.161	1.164	6	3	7	15	114	114
	Active travel					11%	5%	54%	23%	22%	23%	0.081	0.012	0.172	0.138	1.348	1.370	4	1	20	16	132	134

Site	Mode	Vision-led CO2e emissions - Tonnes AM Peak	PM Peak	Daily	Annually	Difference in trips between BAU and vision-led scenarios AM Peak	PM Peak	Daily	CO2e savings between BAU and ambitious scenarios - Tonnes AM Peak	PM Peak	Daily	Annually
BA1	Vehicles	0.07	0.05	0.47	141	-268	-208	-1,833	-0.2	-0.2	-1.5	-445
	Public transport					39	30	268				
	Active travel					229	178	1,565				
BA2	Vehicles	0.00	0.00	0.00	0	0	0	0	0.0	0.0	0.0	0
	Public transport					0	0	0				
	Active travel					0	0	0				
BA3	Vehicles	0.00	0.00	0.03	9	-1	-2	-12	0.0	0.0	0.0	-3
	Public transport					0	0	0				
	Active travel					1	2	12				
BA10	Vehicles	0.03	0.04	0.56	168	-3	-15	-130	0.0	0.0	-0.1	-31
	Public transport					5	-4	31				
	Active travel					-2	19	98				

Baldock trips and mode shares Trips made from each allocation site into / around Baldock and Letchworth and the stations

Site	Scale	Unit	Theme rating 1	Theme rating 2	Theme rating 3	Theme rating 4	Mode	BAU Two-Way Trip Rates AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	BAU Mode Share AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	BAU Baldock Trip Generation AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep
BA1	2,750	dwellings	4	4	3	4	Vehicles	0.127	0.334	0.299	0.137	1.901	1.906	80%	73%	84%	80%	80%	79%	55	143	164	75	1096	1099
							Public transport	0.003	0.030	0.003	0.003	0.105	0.105	2%	7%	5%	2%	4%	4%	1	13	2	2	60	60
							Active travel	0.030	0.092	0.041	0.031	0.381	0.390	18%	20%	12%	18%	16%	16%	13	40	23	17	220	225
BA2	200	dwellings	3	3	3	3	Vehicles	0.127	0.334	0.299	0.137	1.901	1.906	80%	73%	84%	80%	80%	79%	15	40	36	16	228	229
							Public transport	0.003	0.030	0.003	0.003	0.105	0.105	2%	7%	5%	2%	4%	4%	0	4	0	0	13	13
							Active travel	0.030	0.092	0.041	0.031	0.381	0.390	18%	20%	12%	18%	16%	16%	4	11	5	4	46	47
BA3	248	dwellings	3	3	3	3	Vehicles	0.127	0.334	0.299	0.137	1.901	1.906	80%	73%	84%	80%	80%	79%	17	44	36	17	241	241
							Public transport	0.003	0.030	0.003	0.003	0.105	0.105	2%	7%	5%	2%	4%	4%	0	4	0	0	13	13
							Active travel	0.030	0.092	0.041	0.031	0.381	0.390	18%	20%	12%	18%	16%	16%	4	12	5	4	48	49
BA10	100,000	sqm	4	4	3	4	Vehicles	0.609	0.192	0.144	0.412	4.195	4.213	80%	78%	46%	67%	69%	69%	338	107	70	199	2107	2116
							Public transport	0.060	0.009	0.126	0.102	0.994	1.010	12%	18%	14%	16%	14%	14%	33	5	61	49	499	507
							Active travel	0.092	0.045	0.045	0.099	0.857	0.858	8%	4%	40%	17%	16%	17%	51	25	22	48	430	431

Site	Mode	BAU CO2e emissions - Tonnes (2040 fleet mix assumptions) AM Peak	PM Peak	Daily	Annually	Vision-led Mode Share AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	Vision-led Trip Rates AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	Vision-led Baldock Trip Generation AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep
BA1	Vehicles	0.16	0.19	1.78	533	53%	45%	58%	54%	53%	53%	0.085	0.203	0.208	0.092	1.262	1.262	36	87	113	50	728	727
	Public transport					6%	13%	10%	6%	10%	10%	0.010	0.058	0.037	0.010	0.231	0.232	4	25	20	6	133	134
	Active travel					41%	43%	32%	40%	37%	38%	0.065	0.196	0.114	0.069	0.894	0.907	28	84	62	38	515	523
BA2	Vehicles	0.04	0.04	0.37	111	66%	57%	70%	67%	65%	65%	0.105	0.262	0.252	0.114	1.562	1.564	13	31	30	14	187	188
	Public transport					11%	17%	15%	11%	15%	15%	0.018	0.080	0.054	0.019	0.348	0.349	2	10	7	2	42	42
	Active travel					23%	25%	14%	22%	20%	20%	0.037	0.115	0.052	0.038	0.477	0.488	4	14	6	5	57	59
BA3	Vehicles	0.05	0.04	0.39	117	69%	60%	74%	70%	69%	69%	0.110	0.275	0.265	0.119	1.644	1.646	14	36	32	14	208	208
	Public transport					6%	13%	11%	6%	10%	10%	0.010	0.059	0.038	0.011	0.239	0.239	1	8	5	1	30	30
	Active travel					24%	27%	15%	24%	21%	21%	0.039	0.122	0.054	0.041	0.504	0.515	5	16	7	5	64	65
BA10	Vehicles	0.36	0.22	3.42	1,025	53%	51%	9%	37%	40%	40%	0.406	0.125	0.030	0.226	2.401	2.406	226	70	14	110	1206	1208
	Public transport					20%	28%	22%	25%	22%	22%	0.149	0.068	0.070	0.151	1.345	1.349	83	38	34	73	675	677
	Active travel					27%	22%	68%	38%	38%	38%	0.206	0.053	0.216	0.234	2.300	2.327	114	30	105	113	1155	1169

Site	Mode	Vision-led CO2e emissions - Tonnes AM Peak	PM Peak	Daily	Annually	Difference in trips between BAU and vision-led scenarios AM Peak	PM Peak	Daily	CO2e savings between BAU and ambitious scenarios - Tonnes AM Peak	PM Peak	Daily	Annually
BA1	Vehicles	0.10	0.13	1.18	353	-75	-75	-740	-0.1	-0.1	-0.6	-180
	Public transport					15	23	147				
	Active travel					60	60	594				
BA2	Vehicles	0.04	0.04	0.30	91	-11	-8	-82	0.0	0.0	-0.1	-20
	Public transport					8	8	58				
	Active travel					4	2	23				
BA3	Vehicles	0.04	0.04	0.34	101	-10	-6	-65	0.0	0.0	-0.1	-16
	Public transport					5	5	34				
	Active travel					5	3	31				
BA10	Vehicles	0.24	0.10	1.95	586	-150	-145	-1,809	-0.1	-0.1	-1.5	-439
	Public transport					83	-3	346				
	Active travel					67	149	1,462				

Residual trips and mode shares Trips made outside of Baldock / Letchworth

Site	Scale	Unit	Theme rating 1	Theme rating 2	Theme rating 3	Theme rating 4	Mode	BAU Two-Way Trip Rates AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	BAU Mode Share AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	BAU Residual Trip Generation AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep
BA1	2,750	dwellings	1	1	2	N/A	Vehicles	0.127	0.334	0.299	0.137	1.901	1.906	80%	73%	84%	80%	80%	79%	140	367	329	151	2091	2097
							Public transport	0.003	0.030	0.003	0.003	0.105	0.105	2%	7%	5%	2%	4%	4%	3	33	3	3	115	115
							Active travel	0.030	0.092	0.041	0.031	0.381	0.390	18%	20%	12%	18%	16%	16%	32	101	45	34	420	429
BA2	200	dwellings	1	1	2	N/A	Vehicles	0.127	0.334	0.299	0.137	1.901	1.906	80%	73%	84%	80%	80%	79%	10	27	24	11	152	152
							Public transport	0.003	0.030	0.003	0.003	0.105	0.105	2%	7%	5%	2%	4%	4%	0	2	0	0	8	8
							Active travel	0.030	0.092	0.041	0.031	0.381	0.390	18%	20%	12%	18%	16%	16%	2	7	3	2	31	31
BA3	248	dwellings	1	1	1	N/A	Vehicles	0.127	0.334	0.299	0.137	1.901	1.906	80%	73%	84%	80%	80%	79%	13	33	30	14	189	189
							Public transport	0.003	0.030	0.003	0.003	0.105	0.105	2%	7%	5%	2%	4%	4%	0	3	0	0	10	10
							Active travel	0.030	0.092	0.041	0.031	0.381	0.390	18%	20%	12%	18%	16%	16%	3	9	4	3	38	39
BA10	100,000	sqm	1	1	1	N/A	Vehicles	0.609	0.192	0.144	0.412	4.195	4.213	80%	78%	46%	67%	69%	69%	243	77	58	165	1678	1685
							Public transport	0.060	0.009	0.126	0.102	0.994	1.010	12%	18%	14%	16%	14%	14%	24	4	51	41	398	404
							Active travel	0.092	0.045	0.045	0.099	0.857	0.858	8%	4%	40%	17%	16%	17%	37	18	18	39	343	343

Site	Mode	BAU CO2e emissions - Tonnes (2040 fleet mix assumptions) AM Peak	PM Peak	Daily	Annually	Vision-led Mode Share AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	Vision-led Trip Rates AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	Vision-led Residual Trip Generation AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep
BA1	Vehicles	0.41	0.39	3.39	1,016	80%	73%	84%	80%	80%	79%	0.127	0.334	0.299	0.137	1.901	1.906	140	367	329	151	2091	2097
	Public transport					2%	7%	5%	2%	4%	4%	0.003	0.030	0.017	0.003	0.105	0.105	3	33	19	3	115	115
	Active travel					18%	20%	12%	18%	16%	16%	0.030	0.092	0.041	0.031	0.381	0.390	32	101	45	34	420	429
BA2	Vehicles	0.03	0.03	0.25	74	76%	69%	80%	77%	76%	76%	0.121	0.317	0.286	0.132	1.812	1.816	10	25	23	11	145	145
	Public transport					3%	8%	6%	3%	5%	5%	0.004	0.036	0.021	0.005	0.131	0.131	0	3	2	0	10	10
	Active travel					21%	23%	14%	20%	19%	19%	0.034	0.105	0.051	0.035	0.445	0.454	3	8	4	3	36	36
BA3	Vehicles	0.04	0.04	0.31	92	80%	73%	84%	80%	80%	79%	0.127	0.334	0.299	0.137	1.901	1.906	13	33	30	14	189	189
	Public transport					2%	7%	5%	2%	4%	4%	0.003	0.030	0.017	0.003	0.105	0.105	0	3	2	0	10	10
	Active travel					18%	20%	12%	18%	16%	16%	0.030	0.092	0.041	0.031	0.381	0.390	3	9	4	3	38	39
BA10	Vehicles	0.26	0.18	2.72	816	80%	78%	46%	67%	69%	69%	0.609	0.192	0.144	0.412	4.195	4.213	243	77	58	165	1678	1685
	Public transport					12%	18%	14%	16%	14%	14%	0.092	0.045	0.045	0.099	0.857	0.858	37	18	18	39	343	343
	Active travel					8%	4%	40%	17%	16%	17%	0.060	0.009	0.126	0.102	0.994	1.010	24	4	51	41	398	404

Site	Mode	Vision-led CO2e emissions - Tonnes AM Peak	PM Peak	Daily	Annually	Difference in trips between BAU and vision-led scenarios AM Peak	PM Peak	Daily	CO2e savings between BAU and ambitious scenarios - Tonnes AM Peak	PM Peak	Daily	Annually
BA1	Vehicles	0.41	0.39	3.39	1,016	0	0	0	0.0	0.0	0.0	0
	Public transport					0	16	0				
	Active travel					0	0	0				
BA2	Vehicles	0.03	0.03	0.23	70	-2	-2	-14	0.0	0.0	0.0	-3
	Public transport					1	2	4				
	Active travel					1	1	10				
BA3	Vehicles	0.04	0.04	0.31	92	0	0	0	0.0	0.0	0.0	0
	Public transport					0	1	0				
	Active travel					0	0	0				
BA10	Vehicles	0.26	0.18	2.72	816	0	0	0	0.0	0.0	0.0	0
	Public transport					28	-34	-116				
	Active travel					-28	34	116				

Full Build-Out Option 3 School

Public transport
Active travel
Traffic and parking management
Placemaking and land use planning

Internal trips and mode shares Trips made within each allocation site

Site	Scale	Unit	Theme rating 1	Theme rating 2	Theme rating 3	Theme rating 4	Mode	BAU Two-Way Trip Rates AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	BAU Mode Share AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	BAU Internal Trip Generation AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep
BA1	2,750	dwellings	3	4	4	4	Vehicles	0.075	0.215	0.168	0.080	1.122	1.128	47%	47%	47%	47%	47%	47%	92	262	186	89	1204	1211
							Public transport	0.002	0.005	0.004	0.002	0.024	0.024	1%	1%	1%	1%	1%	1%	2	6	4	2	26	26
							Active travel	0.083	0.237	0.186	0.089	1.241	1.248	52%	52%	52%	52%	52%	52%	101	290	205	98	1332	1340
BA2	200	dwellings	1	3	3	4	Vehicles	0.075	0.215	0.168	0.080	1.122	1.128	47%	47%	47%	47%	47%	47%	0	0	0	0	0	0
							Public transport	0.002	0.005	0.004	0.002	0.024	0.024	1%	1%	1%	1%	1%	1%	0	0	0	0	0	0
							Active travel	0.083	0.237	0.186	0.089	1.241	1.248	52%	52%	52%	52%	52%	52%	0	0	0	0	0	0
BA3	86	dwellings	1	3	2	2	Vehicles	0.075	0.215	0.168	0.080	1.122	1.128	47%	47%	47%	47%	47%	47%	0	0	0	0	0	0
							Public transport	0.002	0.005	0.004	0.002	0.024	0.024	1%	1%	1%	1%	1%	1%	0	0	0	0	0	0
							Active travel	0.083	0.237	0.186	0.089	1.241	1.248	52%	52%	52%	52%	52%	52%	0	0	0	0	0	0
BA10	100,000	sqm	1	4	3	3	Vehicles	0.609	0.192	0.144	0.412	4.195	4.213	80%	78%	46%	67%	69%	69%	27	8	17	47	410	412
							Public transport	0.060	0.009	0.126	0.102	0.994	1.010	12%	18%	14%	16%	14%	14%	3	0	15	12	97	99
							Active travel	0.092	0.045	0.045	0.099	0.857	0.858	8%	4%	40%	17%	16%	17%	4	2	5	11	84	84

Site	BAU CO2e emissions - Tonnes (2040 fleet mix assumptions) AM Peak	PM Peak	Daily	Annually	Vision-led Mode Share AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	Vision-led Trip Rates AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	Vision-led Internal Trip Generation AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	Vision-led CO2e emissions - Tonnes AM Peak	PM Peak	Daily	Annually	Mode	Difference in trips between BAU and vision-led scenarios AM Peak	PM Peak	Daily	CO2e savings between BAU and ambitious scenarios - Tonnes AM Peak	PM Peak	Daily	Annually
BA1	0.29	0.22	1.95	586	11%	11%	11%	11%	11%	11%	0.018	0.052	0.041	0.019	0.271	0.272	22	63	45	21	291	292	0.07	0.05	0.47	141	Vehicles	-268	-208	-1,833	-0.2	-0.2	-1.5	-445
					6%	6%	6%	6%	6%	6%	0.010	0.028	0.022	0.011	0.148	0.149	12	35	25	12	159	160					Public transport	39	30	268				
					82%	82%	82%	82%	82%	82%	0.132	0.376	0.295	0.141	1.968	1.979	161	459	326	156	2113	2124					Active travel	229	178	1,565				
BA2	0.00	0.00	0.00	0	29%	29%	29%	29%	29%	29%	0.046	0.132	0.103	0.049	0.689	0.693	0	0	0	0	0	0	0.00	0.00	0.00	0	Vehicles	0	0	0	0.0	0.0	0.0	0
					3%	3%	3%	3%	3%	3%	0.005	0.014	0.011	0.005	0.072	0.072	0	0	0	0	0	0					Public transport	0	0	0				
					68%	68%	68%	68%	68%	68%	0.109	0.311	0.244	0.117	1.626	1.635	0	0	0	0	0	0					Active travel	0	0	0				
BA3	0.00	0.00	0.00	0	38%	38%	38%	38%	38%	38%	0.061	0.174	0.136	0.065	0.908	0.913	0	0	0	0	0	0	0.00	0.00	0.00	0	Vehicles	0	0	0	0.0	0.0	0.0	0
					1%	1%	1%	1%	1%	1%	0.002	0.005	0.004	0.002	0.026	0.026	0	0	0	0	0	0					Public transport	0	0	0				
					61%	61%	61%	61%	61%	61%	0.097	0.278	0.218	0.104	1.453	1.461	0	0	0	0	0	0					Active travel	0	0	0				
BA10	0.03	0.05	0.67	200	74%	71%	28%	57%	60%	59%	0.560	0.175	0.089	0.347	3.601	3.613	25	8	10	40	352	353	0.03	0.04	0.57	171	Vehicles	-3	-14	-117	0.0	0.0	-0.1	-28
					16%	24%	19%	21%	19%	19%	0.122	0.060	0.059	0.130	1.132	1.134	5	3	7	15	111	111					Public transport	5	-5	26				
					10%	5%	53%	22%	22%	22%	0.079	0.012	0.167	0.134	1.314	1.335	3	1	19	16	128	131					Active travel	-2	18	91				

Baldock trips and mode shares Trips made from each allocation site into / around Baldock and Letchworth and the stations

Site	Scale	Unit	Theme rating 1	Theme rating 2	Theme rating 3	Theme rating 4	Mode	BAU Two-Way Trip Rates AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	BAU Mode Share AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	BAU Baldock Trip Generation AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep
BA1	2,750	dwellings	4	4	3	4	Vehicles	0.127	0.334	0.299	0.137	1.901	1.906	80%	73%	84%	80%	80%	79%	55	143	164	75	1096	1099
							Public transport	0.003	0.030	0.003	0.003	0.105	0.105	2%	7%	5%	2%	4%	4%	1	13	2	2	60	60
							Active travel	0.030	0.092	0.041	0.031	0.381	0.390	18%	20%	12%	18%	16%	16%	13	40	23	17	220	225
BA2	200	dwellings	3	3	3	3	Vehicles	0.127	0.334	0.299	0.137	1.901	1.906	80%	73%	84%	80%	80%	79%	15	40	36	16	228	229
							Public transport	0.003	0.030	0.003	0.003	0.105	0.105	2%	7%	5%	2%	4%	4%	0	4	0	0	13	13
							Active travel	0.030	0.092	0.041	0.031	0.381	0.390	18%	20%	12%	18%	16%	16%	4	11	5	4	46	47
BA3	86	dwellings	3	3	3	3	Vehicles	0.127	0.334	0.299	0.137	1.901	1.906	80%	73%	84%	80%	80%	79%	7	17	15	7	98	98
							Public transport	0.003	0.030	0.003	0.003	0.105	0.105	2%	7%	5%	2%	4%	4%	0	2	0	0	5	5
							Active travel	0.030	0.092	0.041	0.031	0.381	0.390	18%	20%	12%	18%	16%	16%	2	5	2	2	20	20
BA10	100,000	sqm	4	4	3	4	Vehicles	0.609	0.192	0.144	0.412	4.195	4.213	80%	78%	46%	67%	69%	69%	338	107	70	199	2107	2116
							Public transport	0.060	0.009	0.126	0.102	0.994	1.010	12%	18%	14%	16%	14%	14%	33	5	61	49	499	507
							Active travel	0.092	0.045	0.045	0.099	0.857	0.858	8%	4%	40%	17%	16%	17%	51	25	22	48	430	431

Site	BAU CO2e emissions - Tonnes (2040 fleet mix assumptions) AM Peak	PM Peak	Daily	Annually	Vision-led Mode Share AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	Vision-led Trip Rates AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	Vision-led Baldock Trip Generation AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	Vision-led CO2e emissions - Tonnes AM Peak	PM Peak	Daily	Annually	Mode	Difference in trips between BAU and vision-led scenarios AM Peak	PM Peak	Daily	CO2e savings between BAU and ambitious scenarios - Tonnes AM Peak	PM Peak	Daily	Annually
BA1	0.16	0.19	1.78	533	53%	45%	58%	54%	53%	53%	0.085	0.203	0.208	0.092	1.262	1.262	36	87	113	50	728	727	0.10	0.13	1.18	353	Vehicles	-75	-75	-740	-0.1	-0.1	-0.6	-180
					6%	13%	10%	6%	10%	10%	0.010	0.058	0.037	0.010	0.231	0.232	4	25	20	6	133	134					Public transport	15	23	147				
					41%	43%	32%	40%	37%	38%	0.065	0.196	0.114	0.069	0.894	0.907	28	84	62	38	515	523					Active travel	60	60	594				
BA2	0.04	0.04	0.37	111	66%	57%	70%	67%	65%	65%	0.105	0.262	0.252	0.114	1.562	1.564	13	31	30	14	187	188	0.04	0.04	0.30	91	Vehicles	-11	-8	-82	0.0	0.0	-0.1	-20
					11%	17%	15%	11%	15%	15%	0.018	0.080	0.054	0.019	0.348	0.349	2	10	7	2	42	42					Public transport	8	8	58				
					23%	25%	14%	22%	20%	20%	0.037	0.115	0.052	0.038	0.477	0.488	4	14	6	5	57	59					Active travel	4	2	23				
BA3	0.02	0.02	0.16	48	69%	60%	74%	70%	69%	69%	0.110	0.275	0.265	0.119	1.644	1.646	6	14	14	6	85	85	0.02	0.02	0.14	41	Vehicles	-4	-3	-27	0.0	0.0	0.0	-6
					6%	13%	11%	6%	10%	10%	0.010	0.059	0.038	0.011	0.239	0.239	1	3	2	1	12	12					Public transport	2	2	14				
					24%	27%	15%	24%	21%	21%	0.039	0.122	0.054	0.041	0.504	0.515	2	6	3	2	26	27					Active travel	2	1	13				
BA10	0.36	0.22	3.42	1,025	53%	51%	9%	37%	40%	40%	0.406	0.125	0.030	0.226	2.401	2.406	226	70	14	110	1206	1208	0.24	0.10	1.95	586	Vehicles	-150	-145	-1,809	-0.1	-0.1	-1.5	-439
					20%	28%	22%	25%	22%	22%	0.149	0.068	0.070	0.151	1.345	1.349	83	38	34	73	675	677					Public transport	83	-3	346				
					27%	22%	68%	38%	38%	38%	0.206	0.053	0.216	0.234	2.300	2.327	114	30	105	113	1155	1169					Active travel	67	149	1,462				

Residual trips and mode shares Trips made outside of Baldock / Letchworth

Site	Scale	Unit	Theme rating 1	Theme rating 2	Theme rating 3	Theme rating 4	Mode	BAU Two-Way Trip Rates AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	BAU Mode Share AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	BAU Residual Trip Generation AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep
BA1	2,750	dwellings	1	1	2	N/A	Vehicles	0.127	0.334	0.299	0.137	1.901	1.906	80%	73%	84%	80%	80%	79%	140	367	329	151	2091	2097
							Public transport	0.003	0.030	0.003	0.003	0.105	0.105	2%	7%	5%	2%	4%	4%	3	33	3	3	115	115
							Active travel	0.030	0.092	0.041	0.031	0.381	0.390	18%	20%	12%	18%	16%	16%	32	101	45	34	420	429
BA2	200	dwellings	1	1	2	N/A	Vehicles	0.127	0.334	0.299	0.137	1.901	1.906	80%	73%	84%	80%	80%	79%	10	27	24	11	152	152
							Public transport	0.003	0.030	0.003	0.003	0.105	0.105	2%	7%	5%	2%	4%	4%	0	2	0	0	8	8
							Active travel	0.030	0.092	0.041	0.031	0.381	0.390	18%	20%	12%	18%	16%	16%	2	7	3	2	31	31
BA3	86	dwellings	1	1	1	N/A	Vehicles	0.127	0.334	0.299	0.137	1.901	1.906	80%	73%	84%	80%	80%	79%	4	11	10	5	65	66
							Public transport	0.003	0.030	0.003	0.003	0.105	0.105	2%	7%	5%	2%	4%	4%	0	1	0	0	4	4
							Active travel	0.030	0.092	0.041	0.031	0.381	0.390	18%	20%	12%	18%	16%	16%	1	3	1	1	13	13
BA10	100,000	sqm	1	1	1	N/A	Vehicles	0.609	0.192	0.144	0.412	4.195	4.213	80%	78%	46%	67%	69%	69%	243	77	58	165	1678	1685
							Public transport	0.060	0.009	0.126	0.102	0.994	1.010	12%	18%	14%	16%	14%	14%	24	4	51	41	398	404
							Active travel	0.092	0.045	0.045	0.099	0.857	0.858	8%	4%	40%	17%	16%	17%	37	18	18	39	343	343

Site	BAU CO2e emissions - Tonnes (2040 fleet mix assumptions) AM Peak	PM Peak	Daily	Annually	Vision-led Mode Share AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	Vision-led Trip Rates AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	Vision-led Residual Trip Generation AM Peak Arr	AM Peak Dep	PM Peak Arr	PM Peak Dep	Daily Arr	Daily Dep	Vision-led CO2e emissions - Tonnes AM Peak	PM Peak	Daily	Annually	Mode	Difference in trips between BAU and vision-led scenarios AM Peak	PM Peak	Daily	CO2e savings between BAU and ambitious scenarios - Tonnes AM Peak	PM Peak	Daily	Annually
BA1	0.41	0.39	3.39	1,016	80%	73%	84%	80%	80%	79%	0.127	0.334	0.299	0.137	1.901	1.906	140	367	329	151	2091	2097	0.41	0.39	3.39	1,016	Vehicles	0	0	0	0.0	0.0	0.0	0
					2%	7%	5%	2%	4%	4%	0.003	0.030	0.017	0.003	0.105	0.105	3	33	19	3	115	115					Public transport	0	16	0				
					18%	20%	12%	18%	16%	16%	0.030	0.092	0.041	0.031	0.381	0.390	32	101	45	34	420	429					Active travel	0	0	0				
BA2	0.03	0.03	0.25	74	76%	69%	80%	77%	76%	76%	0.121	0.317	0.286	0.132	1.812	1.816	10	25	23	11	145	145	0.03	0.03	0.23	70	Vehicles	-2	-2	-14	0.0	0.0	0.0	-3
					3%	8%	6%	3%	5%	5%	0.004	0.036	0.021	0.005	0.131	0.131	0	3	2	0	10	10					Public transport	1	2	4				
					21%	23%	14%	20%	19%	19%	0.034	0.105	0.051	0.035	0.445	0.454	3	8	4	3	36	36					Active travel	1	1	10				
BA3	0.01	0.01	0.11	32	80%	73%	84%	80%	80%	79%	0.127	0.334	0.299	0.137	1.901	1.906	4	11	10	5	65	66	0.01	0.01	0.11	32	Vehicles	0	0	0	0.0	0.0	0.0	0
					2%	7%	5%	2%	4%	4%	0.003	0.030	0.017	0.003	0.105	0.105	0	1	1	0	4	4					Public transport	0	1	0				
					18%	20%	12%	18%	16%	16%	0.030	0.092	0.041	0.031	0.381	0.390	1	3	1	1	13	13					Active travel	0	0	0				
BA10	0.26	0.18	2.72	816	80%	78%	46%	67%	69%	69%	0.609	0.192	0.144	0.412	4.195	4.213	243	77	58	165	1678	1685	0.26	0.18	2.72	816	Vehicles	0	0	0	0.0	0.0	0.0	0
					12%	18%	14%	16%	14%	14%	0.092	0.045	0.045	0.099	0.857	0.858	37	18	18	39	343	343					Public transport	28	-34	-116				
					8%	4%	40%	17%	16%	17%	0.060	0.009	0.126	0.102	0.994	1.010	24	4	51	41	398	404					Active travel	-28	34	116				

Appendix I – SEND and Secondary School Trip Generation

A - Felden Lodge, Hemel Hempstead

Table 5.2 Existing Traffic Generation & Trip Rates – Donor Sites

	Lakeside School (83 no. persons)			Abbeywood School (89 no. persons)		
Time Range	Arrive	Depart	Two-way	Arrive	Depart	Two-way
Traffic Movements						
Network / School AM Peak Period (08:00 – 09:00)	39	15	54	29	9	38
School PM Peak Period (15:00 – 16:00)	3	27	30	4	13	17
Network PM Peak (17:00 –18:00)	2	20	22	1	12	13
Person Trip Rates						
Network / School AM Peak Period (08:00 – 09:00)	0.470	0.181	0.651	0.326	0.101	0.427
School PM Peak Period (15:00 – 16:00)	0.036	0.325	0.361	0.045	0.146	0.191
Network PM Peak (17:00 –18:00)	0.024	0.241	0.265	0.011	0.135	0.146

Table 5.3 Average Donor Person Trip Rates

	Average Person Trip Rates (Lakeside		
Time Range	Arrive	Depart	Two-way
Network / School AM Peak Period (08:00 –09:00)	0.398	0.141	0.539
School PM Peak Period (15:00 – 16:00)	0.041	0.236	0.276
Network PM Peak (17:00 – 18:00)	0.018	0.188	0.206

Proposed trip gen (OptA)

	Trip Generation		
Time Range	Arrive	Depart	Two-way
Network / School AM Peak Period (08:00 –09:00)	80	28	108
School PM Peak Period (15:00 – 16:00)	8	47	55
Network PM Peak (17:00 – 18:00)	4	38	41
Total	91	113	204

Vision-led & BAU	AM Peak		PM Peak		Daily	
	Arrive	Depart	Arrive	Depart	Arrive	Depart
Internal trips	0	0	0	0	0	0
Trips to Baldock and Letchworth	48	17	2	23	55	68
Residual trips	32	11	1	15	37	45
Total external trips	80	28	4	38	91	113
Total trips	80	28	4	38	91	113

Future Pupil Trips and Mode Share

Route	Trips by mode by route				
	Walk	Cycle	Car	Bus	Total
Footbridge, or bus link, or Royston Road / link	10	8	91	57	166
North Road	314	48	48	67	476
Footbridge, or bus link, or North Road access	241	36	36	51	365
Wallington Road and Yeomanry Drive	229	35	35	49	347
High Street	195	30	30	41	296
Pembroke Road or South Road	78	12	12	17	118
South Road and Crabtree Lane or London Roa	78	12	12	17	118
London Road or Baldock Lane	214	32	32	45	325
Clothall Road or South Road and High Street	39	6	6	8	59
Royston Road	4	3	32	20	59
A507 South	1	0	5	3	10
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	1403	222	340	375	2340

Vehicle Trips

Vision-led & BAU	AM Peak		PM Peak		Daily	
	Arrive	Depart	Arrive	Depart	Arrive	Depart
Internal trips	0	0	0	0	0	0
Trips to Baldock and Letchworth	204	204	0	0	408	408
Residual trips	136	136	0	0	272	272
Total external trips	340	340	0	0	679	679
Total trips	340	340	0	0	679	679

Public Transport

Vision-led & BAU	AM Peak		PM Peak		Daily	
	Arrive	Depart	Arrive	Depart	Arrive	Depart
Internal trips	0	0	0	0	0	0
Trips to Baldock and Letchworth	225	225	0	0	449	449
Residual trips	150	150	0	0	300	300
Total external trips	375	375	0	0	749	749
Total trips	375	375	0	0	749	749

Active Travel

Vision-led & BAU	AM Peak		PM Peak		Daily	
	Arrive	Depart	Arrive	Depart	Arrive	Depart
Internal trips	0	0	0	0	0	0
Trips to Baldock and Letchworth	975	975	0	0	1951	1951
Residual trips	650	650	0	0	1301	1301
Total external trips	1626	1626	0	0	3251	3251
Total trips	1626	1626	0	0	3251	3251

Future Staff Trips and Mode Share

Route		Trips by mode by route				
		Walk	Cycle	Car	Bus	Total
A	Ashwell Road via Station Road	1	0	5	0	7
A1	Bygrave Road via Station Road	1	0	5	0	7
A2	Bridge / Icknield Way East / Icknield Way	6	1	0	0	7
B	Wallington Road via South Road	1	0	5	0	7
C	Norton Road	3	0	12	0	16
D	Via Mansfield Road and High Street	1	0	5	0	7
E	Weston Way	8	1	29	1	39
F	Via Mansfield Road and High Street	1	0	5	0	7
G	Via Pepper Alley	5	0	0	0	5
H	Via Mansfield Road	1	0	4	0	5
I	North Road	7	1	28	1	37
J	Letchworth Road	8	1	30	1	39
K	A505 via Royston Road	4	1	15	0	20
L	A507 South	1	0	3	0	4
		48	7	146	4	205

Vehicle Trips

Vision-led & BAU	AM Peak	PM Peak			Daily	
	Arrive	Depart	Arrive	Depart	Arrive	Depart
Internal trips	0	0	0	0	0	0
Trips to Baldock and Letchworth	88	0	0	88	175	175
Residual trips	58	0	0	58	117	117
Total external trips	146	0	0	146	292	292
Total trips	146	0	0	146	292	292

Public Transport

Vision-led & BAU	AM Peak	PM Peak			Daily	
	Arrive	Depart	Arrive	Depart	Arrive	Depart
Internal trips	0	0	0	0	0	0
Trips to Baldock and Letchworth	2	0	0	2	4	4
Residual trips	1	0	0	1	3	3
Total external trips	4	0	0	4	7	7
Total trips	4	0	0	4	7	7

Active Travel

Vision-led & BAU	AM Peak	PM Peak			Daily	
	Arrive	Depart	Arrive	Depart	Arrive	Depart
Internal trips	0	0	0	0	0	0
Trips to Baldock and Letchworth	33	0	0	33	66	66
Residual trips	22	0	0	22	44	44
Total external trips	55	0	0	55	110	110
Total trips	55	0	0	55	110	110

Future Staff and Pupil Trips

Vehicle Trips

Vision-led & BAU	AM Peak		PM Peak		Daily	
	Arrive	Depart	Arrive	Depart	Arrive	Depart
Internal trips	0	0	0	0	0	0
Trips to Baldock and Letchworth	291	204	0	88	583	583
Residual trips	194	136	0	58	389	389
Total external trips	486	340	0	146	972	972
Total trips	486	340	0	146	972	972

Public Transport

Vision-led & BAU	AM Peak		PM Peak		Daily	
	Arrive	Depart	Arrive	Depart	Arrive	Depart
Internal trips	0	0	0	0	0	0
Trips to Baldock and Letchworth	227	225	0	2	454	454
Residual trips	151	150	0	1	303	303
Total external trips	378	375	0	4	756	756
Total trips	378	375	0	4	756	756

Active Travel

Vision-led & BAU	AM Peak		PM Peak		Daily	
	Arrive	Depart	Arrive	Depart	Arrive	Depart
Internal trips	0	0	0	0	0	0
Trips to Baldock and Letchworth	1008	975	0	33	2017	2017
Residual trips	672	650	0	22	1345	1345
Total external trips	1681	1626	0	55	3361	3361
Total trips	1681	1626	0	55	3361	3361

Appendix J – Mode Shift Model Full Trip Generation Outputs

Opening Year

Business as Usual

Internal trips

Site	Scale	Mode	AM Peak		PM Peak		Daily	
			Arr	Dep	Arr	Dep	Arr	Dep
BA1	25	Vehicles	0	0	0	0	2	2
		Public transport	0	0	0	0	0	0
		Active travel	0	0	0	0	2	2
BA2	200	Vehicles	0	0	0	0	0	0
		Public transport	0	0	0	0	0	0
		Active travel	0	0	0	0	0	0
BA3	0	Vehicles	0	0	0	0	0	0
		Public transport	0	0	0	0	0	0
		Active travel	0	0	0	0	0	0
BA10	0	Vehicles	0	0	0	0	0	0
		Public transport	0	0	0	0	0	0
		Active travel	0	0	0	0	0	0
Whole site		Vehicles	0	0	0	0	2	2
		Public transport	0	0	0	0	0	0
		Active travel	0	0	0	0	2	2
BA10	0	HGVs	0	0	0	0	0	0

Trips to Baldock and Letchworth

			AM Peak		PM Peak		Daily	
			Arr	Dep	Arr	Dep	Arr	Dep
BA1	25	Vehicles	2	5	4	2	25	25
		Public transport	0	0	0	0	1	1
		Active travel	0	1	1	0	5	5
BA2	200	Vehicles	15	40	36	16	228	229
		Public transport	0	4	0	0	13	13
		Active travel	4	11	5	4	46	47
BA3	0	Vehicles	0	0	0	0	0	0
		Public transport	0	0	0	0	0	0
		Active travel	0	0	0	0	0	0
BA10	0	Vehicles	0	0	0	0	0	0
		Public transport	0	0	0	0	0	0
		Active travel	0	0	0	0	0	0
Whole site		Vehicles	17	45	40	18	253	254
		Public transport	0	4	0	0	14	14
		Active travel	4	12	5	4	51	52
BA10	0	HGVs	0	0	0	0	0	0

Residual trips

			AM Peak		PM Peak		Daily	
			Arr	Dep	Arr	Dep	Arr	Dep
BA1	25	Vehicles	1	3	3	1	19	19
		Public transport	0	0	0	0	1	1
		Active travel	0	1	0	0	4	4
BA2	200	Vehicles	10	27	24	11	152	152
		Public transport	0	2	0	0	8	8
		Active travel	2	7	3	2	31	31
BA3	0	Vehicles	0	0	0	0	0	0
		Public transport	0	0	0	0	0	0
		Active travel	0	0	0	0	0	0
BA10	0	Vehicles	0	0	0	0	0	0
		Public transport	0	0	0	0	0	0
		Active travel	0	0	0	0	0	0
Whole site		Vehicles	11	30	27	12	171	172
		Public transport	0	3	0	0	9	9
		Active travel	3	8	4	3	34	35
BA10	0	HGVs	0	0	0	0	0	0

Total external trips

			AM Peak		PM Peak		Daily	
			Arr	Dep	Arr	Dep	Arr	Dep
BA1	25	Vehicles	3	8	7	3	44	44
		Public transport	0	1	0	0	2	2
		Active travel	1	2	1	1	9	9
BA2	200	Vehicles	25	67	60	27	380	381
		Public transport	1	6	1	1	21	21
		Active travel	6	18	8	6	76	78
BA3	0	Vehicles	0	0	0	0	0	0
		Public transport	0	0	0	0	0	0
		Active travel	0	0	0	0	0	0
BA10	0	Vehicles	0	0	0	0	0	0
		Public transport	0	0	0	0	0	0
		Active travel	0	0	0	0	0	0
Whole site		Vehicles	29	75	67	31	424	425
		Public transport	1	7	1	1	23	23
		Active travel	7	21	9	7	85	87
BA10	0	HGVs	0	0	0	0	0	0

Total trips

			AM Peak		PM Peak		Daily	
			Arr	Dep	Arr	Dep	Arr	Dep
BA1	25	Vehicles	3	8	7	3	46	46
		Public transport	0	1	0	0	2	2
		Active travel	1	2	1	1	11	11
BA2	200	Vehicles	25	67	60	27	380	381
		Public transport	1	6	1	1	21	21
		Active travel	6	18	8	6	76	78
BA3	0	Vehicles	0	0	0	0	0	0
		Public transport	0	0	0	0	0	0
		Active travel	0	0	0	0	0	0
BA10	0	Vehicles	0	0	0	0	0	0
		Public transport	0	0	0	0	0	0
		Active travel	0	0	0	0	0	0
Whole site		Vehicles	29	75	67	31	426	427
		Public transport	1	7	1	1	23	23
		Active travel	7	21	10	7	87	89
			0	0	0	0	0	0
BA10	0	HGVs	0	0	0	0	0	0

Vision-led

Internal trips

Site	Mode	AM Peak		PM Peak		Daily	
		Arr	Dep	Arr	Dep	Arr	Dep
BA1	Vehicles	0	0	0	0	2	2
	Public transport	0	0	0	0	0	0
	Active travel	0	0	0	0	2	2
BA2	Vehicles	0	0	0	0	0	0
	Public transport	0	0	0	0	0	0
	Active travel	0	0	0	0	0	0
BA3	Vehicles	0	0	0	0	0	0
	Public transport	0	0	0	0	0	0
	Active travel	0	0	0	0	0	0
BA10	Vehicles	0	0	0	0	0	0
	Public transport	0	0	0	0	0	0
	Active travel	0	0	0	0	0	0
Whole site	Vehicles	0	0	0	0	2	2
	Public transport	0	0	0	0	0	0
	Active travel	0	0	0	0	2	2
BA10	HGVs	0	0	0	0	0	0

Trips to Baldock and Letchworth

		AM Peak		PM Peak		Daily	
		Arr	Dep	Arr	Dep	Arr	Dep
BA1	Vehicles	2	4	3	2	22	22
	Public transport	0	1	0	0	2	2
	Active travel	1	2	1	1	7	7
BA2	Vehicles	15	38	35	16	220	221
	Public transport	0	4	2	0	13	13
	Active travel	4	13	6	4	54	55
BA3	Vehicles	0	0	0	0	0	0
	Public transport	0	0	0	0	0	0
	Active travel	0	0	0	0	0	0
BA10	Vehicles	0	0	0	0	0	0
	Public transport	0	0	0	0	0	0
	Active travel	0	0	0	0	0	0
Whole site	Vehicles	16	43	38	18	242	243
	Public transport	0	4	2	0	15	15
	Active travel	5	14	7	5	60	62
BA10	HGVs	0	0	0	0	0	0

Residual trips

		AM Peak		PM Peak		Daily	
		Arr	Dep	Arr	Dep	Arr	Dep
BA1	Vehicles	1	3	3	1	19	19
	Public transport	0	0	0	0	1	1
	Active travel	0	1	0	0	4	4
BA2	Vehicles	10	27	24	11	152	152
	Public transport	0	2	1	0	8	8
	Active travel	2	7	3	2	31	31
BA3	Vehicles	0	0	0	0	0	0
	Public transport	0	0	0	0	0	0
	Active travel	0	0	0	0	0	0
BA10	Vehicles	0	0	0	0	0	0
	Public transport	0	0	0	0	0	0
	Active travel	0	0	0	0	0	0
Whole site	Vehicles	11	30	27	12	171	172
	Public transport	0	3	2	0	9	9
	Active travel	3	8	4	3	34	35
BA10	HGVs	0	0	0	0	0	0

Total external trips

		AM Peak		PM Peak		Daily	
		Arr	Dep	Arr	Dep	Arr	Dep
BA1	Vehicles	3	8	6	3	41	41
	Public transport	0	1	0	0	3	3
	Active travel	1	3	1	1	11	11
BA2	Vehicles	25	65	59	27	372	373
	Public transport	1	6	4	1	21	21
	Active travel	6	20	9	7	84	86
BA3	Vehicles	0	0	0	0	0	0
	Public transport	0	0	0	0	0	0
	Active travel	0	0	0	0	0	0
BA10	Vehicles	0	0	0	0	0	0
	Public transport	0	0	0	0	0	0
	Active travel	0	0	0	0	0	0
Whole site	Vehicles	28	73	65	30	414	415
	Public transport	1	7	4	1	24	24
	Active travel	7	23	11	7	95	97
BA10	HGVs	0	0	0	0	0	0

Total trips

		AM Peak		PM Peak		Daily	
		Arr	Dep	Arr	Dep	Arr	Dep
BA1	Vehicles	3	8	7	3	44	44
	Public transport	0	1	1	0	3	3
	Active travel	1	3	2	1	13	13
BA2	Vehicles	25	65	59	27	372	373
	Public transport	1	6	4	1	21	21
	Active travel	6	20	9	7	84	86
BA3	Vehicles	0	0	0	0	0	0
	Public transport	0	0	0	0	0	0
	Active travel	0	0	0	0	0	0
BA10	Vehicles	0	0	0	0	0	0
	Public transport	0	0	0	0	0	0
	Active travel	0	0	0	0	0	0
Whole site	Vehicles	28	73	66	30	416	417
	Public transport	1	7	4	1	24	24
	Active travel	7	23	11	8	97	99
BA10	HGVs	0	0	0	0	0	0

Interim Year

Business as Usual

Internal trips

Site	Scale	Mode	AM Peak		PM Peak		Daily	
			Arr	Dep	Arr	Dep	Arr	Dep
BA1	650	Vehicles	18	52	24	11	170	171
		Public transport	0	1	1	0	4	4
		Active travel	20	57	26	12	188	189
BA2	200	Vehicles	0	0	0	0	0	0
		Public transport	0	0	0	0	0	0
		Active travel	0	0	0	0	0	0
BA3	0	Vehicles	0	0	0	0	0	0
		Public transport	0	0	0	0	0	0
		Active travel	0	0	0	0	0	0
BA10	36650.2	Vehicles	7	2	5	13	113	113
		Public transport	1	0	4	3	27	27
		Active travel	1	1	1	3	23	23
Whole site		Vehicles	25	54	28	24	283	284
		Public transport	1	1	5	3	30	31
		Active travel	21	58	28	16	211	212
BA10	36650.2	HGVs	0	0	0	0	2	2

Trips to Baldock and Letchworth

			AM Peak		PM Peak		Daily	
			Arr	Dep	Arr	Dep	Arr	Dep
BA1	650	Vehicles	19	50	75	34	453	454
		Public transport	0	5	1	1	25	25
		Active travel	4	14	10	8	91	93
BA2	200	Vehicles	15	40	36	16	228	229
		Public transport	0	4	0	0	13	13
		Active travel	4	11	5	4	46	47
BA3	0	Vehicles	0	0	0	0	0	0
		Public transport	0	0	0	0	0	0
		Active travel	0	0	0	0	0	0
BA10	36650.2	Vehicles	126	40	27	77	810	813
		Public transport	12	2	24	19	192	195
		Active travel	19	9	8	19	165	166
Whole site		Vehicles	161	130	138	128	1491	1496
		Public transport	13	10	25	20	229	232
		Active travel	27	34	24	30	302	305
BA10	36650.2	HGVs	2	2	2	2	2	2

Residual trips

			AM Peak		PM Peak		Daily	
			Arr	Dep	Arr	Dep	Arr	Dep
BA1	650	Vehicles	33	87	78	36	494	496
		Public transport	1	8	1	1	27	27
		Active travel	8	24	11	8	99	101
BA2	200	Vehicles	10	27	24	11	152	152
		Public transport	0	2	0	0	8	8
		Active travel	2	7	3	2	31	31
BA3	0	Vehicles	0	0	0	0	0	0
		Public transport	0	0	0	0	0	0
		Active travel	0	0	0	0	0	0
BA10	36650.2	Vehicles	89	28	21	60	615	618
		Public transport	9	1	19	15	146	148
		Active travel	14	7	7	14	126	126
Whole site		Vehicles	133	142	123	107	1261	1266
		Public transport	10	12	19	16	181	184
		Active travel	24	38	21	25	255	258
BA10	36650.2	HGVs	2	1	0	1	10	10

Total external trips

			AM Peak		PM Peak		Daily	
			Arr	Dep	Arr	Dep	Arr	Dep
BA1	650	Vehicles	52	137	153	70	948	950
		Public transport	1	12	1	1	52	52
		Active travel	12	38	21	16	190	194
BA2	200	Vehicles	25	67	60	27	380	381
		Public transport	1	6	1	1	21	21
		Active travel	6	18	8	6	76	78
BA3	0	Vehicles	0	0	0	0	0	0
		Public transport	0	0	0	0	0	0
		Active travel	0	0	0	0	0	0
BA10	36650.2	Vehicles	216	68	48	138	1425	1431
		Public transport	21	3	42	34	338	343
		Active travel	33	16	15	33	291	291
Whole site		Vehicles	293	271	261	235	2753	2762
		Public transport	23	22	44	36	411	416
		Active travel	51	72	44	55	557	564
BA10	36650.2	HGVs	4	3	2	3	12	12

Total trips

			AM Peak		PM Peak		Daily	
			Arr	Dep	Arr	Dep	Arr	Dep
BA1	200	Vehicles	70	188	176	81	1118	1121
		Public transport	2	14	2	2	56	56
		Active travel	32	95	47	28	378	383
BA2	200	Vehicles	25	67	60	27	380	381
		Public transport	1	6	1	1	21	21
		Active travel	6	18	8	6	76	78
BA3	0	Vehicles	0	0	0	0	0	0
		Public transport	0	0	0	0	0	0
		Active travel	0	0	0	0	0	0
BA10	36650.2	Vehicles	223	70	53	151	1538	1544
		Public transport	22	3	46	37	364	370
		Active travel	34	17	16	36	314	315
Whole site		Vehicles	319	326	289	260	3036	3046
		Public transport	24	23	49	39	441	447
		Active travel	72	130	72	71	768	776
			0	0	0	0	0	0
BA10	36650.2	HGVs	4	3	2	3	14	14

Vision-led

Internal trips

Site	Mode	AM Peak		PM Peak		Daily	
		Arr	Dep	Arr	Dep	Arr	Dep
BA1	Vehicles	13	36	16	8	118	119
	Public transport	2	5	2	1	15	16
	Active travel	24	69	32	15	228	230
BA2	Vehicles	0	0	0	0	0	0
	Public transport	0	0	0	0	0	0
	Active travel	0	0	0	0	0	0
BA3	Vehicles	0	0	0	0	0	0
	Public transport	0	0	0	0	0	0
	Active travel	0	0	0	0	0	0
BA10	Vehicles	6	2	3	11	96	96
	Public transport	1	1	1	3	24	24
	Active travel	2	0	5	5	43	43
Whole site	Vehicles	19	38	20	19	214	215
	Public transport	3	5	4	4	40	40
	Active travel	26	70	37	20	271	273
BA10	HGVs	0	0	0	0	2	2

Trips to Baldock and Letchworth

		AM Peak		PM Peak		Daily	
		Arr	Dep	Arr	Dep	Arr	Dep
BA1	Vehicles	17	43	66	30	397	398
	Public transport	1	7	8	2	47	47
	Active travel	6	18	15	10	126	128
BA2	Vehicles	13	34	31	14	196	196
	Public transport	1	6	4	1	24	24
	Active travel	5	15	8	5	67	68
BA3	Vehicles	0	0	0	0	0	0
	Public transport	0	0	0	0	0	0
	Active travel	0	0	0	0	0	0
BA10	Vehicles	112	35	21	66	696	698
	Public transport	20	10	9	19	172	173
	Active travel	26	6	30	30	299	303
Whole site	Vehicles	141	111	118	111	1288	1292
	Public transport	22	23	20	23	242	243
	Active travel	37	40	53	45	492	499
BA10	HGVs	2	2	2	2	2	2

Residual trips

		AM Peak		PM Peak		Daily	
		Arr	Dep	Arr	Dep	Arr	Dep
BA1	Vehicles	33	87	78	36	494	496
	Public transport	1	8	5	1	27	27
	Active travel	8	24	11	8	99	101
BA2	Vehicles	10	25	23	11	145	145
	Public transport	0	3	2	0	10	10
	Active travel	3	8	4	3	36	36
BA3	Vehicles	0	0	0	0	0	0
	Public transport	0	0	0	0	0	0
	Active travel	0	0	0	0	0	0
BA10	Vehicles	89	28	21	60	615	618
	Public transport	14	7	7	14	126	126
	Active travel	9	1	19	15	146	148
Whole site	Vehicles	132	140	122	107	1254	1258
	Public transport	15	17	13	16	163	163
	Active travel	19	34	33	26	280	286
BA10	HGVs	2	1	0	1	10	10

Total external trips

		AM Peak		PM Peak		Daily	
		Arr	Dep	Arr	Dep	Arr	Dep
BA1	Vehicles	50	129	144	66	891	893
	Public transport	2	15	12	3	74	74
	Active travel	14	42	26	18	225	229
BA2	Vehicles	23	59	54	25	341	341
	Public transport	1	9	5	1	34	34
	Active travel	8	24	12	8	103	105
BA3	Vehicles	0	0	0	0	0	0
	Public transport	0	0	0	0	0	0
	Active travel	0	0	0	0	0	0
BA10	Vehicles	201	63	42	126	1311	1316
	Public transport	33	16	15	34	298	298
	Active travel	35	8	48	45	445	451
Whole site	Vehicles	273	252	240	217	2542	2550
	Public transport	37	40	33	38	406	406
	Active travel	56	73	87	71	772	785
BA10	HGVs	4	3	2	3	12	12

Total trips

		AM Peak		PM Peak		Daily	
		Arr	Dep	Arr	Dep	Arr	Dep
BA1	Vehicles	62	165	160	74	1009	1012
	Public transport	4	20	14	4	89	89
	Active travel	38	112	58	34	453	459
BA2	Vehicles	23	59	54	25	341	341
	Public transport	1	9	5	1	34	34
	Active travel	8	24	12	8	103	105
BA3	Vehicles	0	0	0	0	0	0
	Public transport	0	0	0	0	0	0
	Active travel	0	0	0	0	0	0
BA10	Vehicles	207	65	45	137	1406	1412
	Public transport	35	17	17	37	322	322
	Active travel	37	8	54	50	488	495
Whole site	Vehicles	292	290	260	236	2756	2765
	Public transport	40	46	37	42	445	446
	Active travel	82	143	123	91	1044	1058
BA10	HGVs	4	3	2	3	14	14

Full Build-Out No School

Business as Usual

Internal trips

Site	Scale	Mode	AM Peak		PM Peak		Daily	
			Arr	Dep	Arr	Dep	Arr	Dep
BA1	2750	Vehicles	92	262	186	89	1204	1211
		Public transport	2	6	4	2	26	26
		Active travel	101	290	205	98	1332	1340
BA2	200	Vehicles	0	0	0	0	0	0
		Public transport	0	0	0	0	0	0
		Active travel	0	0	0	0	0	0
BA3	248	Vehicles	1	4	5	2	25	25
		Public transport	0	0	0	0	1	1
		Active travel	2	4	5	3	27	28
BA10	100000	Vehicles	27	8	17	47	410	412
		Public transport	3	0	15	12	97	99
		Active travel	4	2	5	11	84	84
Whole site		Vehicles	120	274	207	139	1640	1648
		Public transport	5	6	19	14	123	125
		Active travel	107	296	216	112	1444	1451

BA10	100000	HGVs	1	1	0	0	16	16

Trips to Baldock and Letchworth

			AM Peak		PM Peak		Daily	
			Arr	Dep	Arr	Dep	Arr	Dep
BA1	2750	Vehicles	55	143	164	75	1096	1099
		Public transport	1	13	2	2	60	60
		Active travel	13	40	23	17	220	225
BA2	200	Vehicles	15	40	36	16	228	229
		Public transport	0	4	0	0	13	13
		Active travel	4	11	5	4	46	47
BA3	248	Vehicles	64	61	38	39	296	309
		Public transport	0	4	0	0	13	13
		Active travel	4	12	5	4	48	49
BA10	100000	Vehicles	338	107	70	199	2107	2116
		Public transport	33	5	61	49	499	507
		Active travel	51	25	22	48	430	431
Whole site		Vehicles	473	351	308	330	3727	3753
		Public transport	35	26	63	51	585	594
		Active travel	71	88	54	72	744	752

BA10	100000	HGVs	8	8	0	0	82	82

Residual trips

			AM Peak		PM Peak		Daily	
			Arr	Dep	Arr	Dep	Arr	Dep
BA1	2750	Vehicles	140	367	329	151	2091	2097
		Public transport	3	33	3	3	115	115
		Active travel	32	101	45	34	420	429
BA2	200	Vehicles	10	27	24	11	152	152
		Public transport	0	2	0	0	8	8
		Active travel	2	7	3	2	31	31
BA3	248	Vehicles	44	44	31	29	225	234
		Public transport	0	3	0	0	10	10
		Active travel	3	9	4	3	38	39
BA10	100000	Vehicles	243	77	58	165	1678	1685
		Public transport	24	4	51	41	398	404
		Active travel	37	18	18	39	343	343
Whole site		Vehicles	438	515	442	355	4147	4169
		Public transport	27	43	54	44	531	538
		Active travel	75	136	71	79	830	842

BA10	100000	HGVs	6	0	0	0	65	66

Total external trips

			AM Peak		PM Peak		Daily	
			Arr	Dep	Arr	Dep	Arr	Dep
BA1	2750	Vehicles	195	511	493	226	3188	3196
		Public transport	4	47	5	5	175	175
		Active travel	45	141	68	51	639	653
BA2	200	Vehicles	25	67	60	27	380	381
		Public transport	1	6	1	1	21	21
		Active travel	6	18	8	6	76	78
BA3	248	Vehicles	109	105	69	68	521	543
		Public transport	1	7	1	1	24	24
		Active travel	7	21	9	7	86	88
BA10	100000	Vehicles	582	184	128	364	3785	3801
		Public transport	57	9	112	90	897	912
		Active travel	88	43	39	87	773	774
Whole site		Vehicles	911	866	750	685	7874	7921
		Public transport	63	68	118	96	1117	1131
		Active travel	146	224	124	152	1575	1594

BA10	100000	HGVs	14	8	0	0	147	148

Total trips

			AM Peak		PM Peak		Daily	
			Arr	Dep	Arr	Dep	Arr	Dep
BA1	2750	Vehicles	286	773	679	315	4392	4406
		Public transport	6	52	8	6	201	201
		Active travel	146	431	273	149	1972	1993
BA2	200	Vehicles	25	67	60	27	380	381
		Public transport	1	6	1	1	21	21
		Active travel	6	18	8	6	76	78
BA3	248	Vehicles	110	109	74	70	546	568
		Public transport	1	7	1	1	24	24
		Active travel	8	26	14	9	114	116
BA10	100000	Vehicles	609	192	144	412	4195	4213
		Public transport	60	9	126	102	994	1010
		Active travel	92	45	45	99	857	858
Whole site		Vehicles	1031	1141	957	824	9513	9569
		Public transport	67	74	136	109	1240	1257
		Active travel	253	520	340	264	3018	3045

BA10	100000	HGVs	15	9	0	0	163	164

Vision-led

Internal trips

Site	Mode	AM Peak		PM Peak		Daily	
		Arr	Dep	Arr	Dep	Arr	Dep
BA1	Vehicles	22	63	45	21	291	292
	Public transport	12	35	25	12	159	160
	Active travel	161	459	326	156	2113	2124
BA2	Vehicles	0	0	0	0	0	0
	Public transport	0	0	0	0	0	0
	Active travel	0	0	0	0	0	0
BA3	Vehicles	1	3	4	2	19	19
	Public transport	0	0	0	0	1	1
	Active travel	2	5	6	3	33	34
BA10	Vehicles	24	8	10	39	346	347
	Public transport	6	3	7	15	114	114
	Active travel	4	1	20	16	132	134
Whole site	Vehicles	48	74	58	62	655	658
	Public transport	18	37	32	27	273	275
	Active travel	166	465	352	175	2278	2292

BA10	HGVs	1	1	0	0	16	16

Trips to Baldock and Letchworth

		AM Peak		PM Peak		Daily	
		Arr	Dep	Arr	Dep	Arr	Dep
BA1	Vehicles	36	87	113	50	728	727
	Public transport	4	25	20	6	133	134
	Active travel	28	84	62	38	515	523
BA2	Vehicles	13	31	30	14	187	188
	Public transport	2	10	7	2	42	42
	Active travel	4	14	6	5	57	59
BA3	Vehicles	62	53	34	37	263	276
	Public transport	1	8	5	1	30	30
	Active travel	5	16	7	5	64	65
BA10	Vehicles	226	70	14	110	1206	1208
	Public transport	83	38	34	73	675	677
	Active travel	114	30	105	113	1155	1169
Whole site	Vehicles	289	224	190	188	2329	2332
	Public transport	91	80	65	83	881	883
	Active travel	152	143	179	161	1792	1815

BA10	HGVs	8	8	0	0	82	82

Residual trips

		AM Peak		PM Peak		Daily	
		Arr	Dep	Arr	Dep	Arr	Dep
BA1	Vehicles	140	367	329	151	2091	2097
	Public transport	3	33	19	3	115	115
	Active travel	32	101	45	34	420	429
BA2	Vehicles	10	25	23	11	145	145
	Public transport	0	3	2	0	10	10
	Active travel	3	8	4	3	36	36
BA3	Vehicles	44	44	31	29	225	234
	Public transport	0	3	2	0	10	10
	Active travel	3	9	4	3	38	39
BA10	Vehicles	243	77	58	165	1678	1685
	Public transport	37	18	18	39	343	343
	Active travel	24	4	51	41	398	404
Whole site	Vehicles	406	503	440	340	4103	4116
	Public transport	41	58	40	43	479	479
	Active travel	62	123	104	81	891	908

BA10	HGVs	6	6	0	0	65	66

Total external trips

		AM Peak		PM Peak		Daily	
		Arr	Dep	Arr	Dep	Arr	Dep
BA1	Vehicles	176	455	443	201	2819	2824
	Public transport	7	58	39	9	249	249
	Active travel	60	186	107	72	935	952
BA2	Vehicles	22	57	53	24	332	333
	Public transport	3	12	8	3	52	52
	Active travel	7	22	10	7	93	95
BA3	Vehicles	107	97	65	66	488	511
	Public transport	2	11	6	2	41	41
	Active travel	8	25	11	8	102	104
BA10	Vehicles	469	146	72	274	2884	2894
	Public transport	120	56	52	113	1018	1021
	Active travel	138	33	155	154	1553	1573
Whole site	Vehicles	695	727	630	528	6432	6448
	Public transport	131	138	106	126	1359	1362
	Active travel	214	266	283	241	2682	2723

BA10	HGVs	14	14	0	0	147	148

Total trips

		AM Peak		PM Peak		Daily	
		Arr	Dep	Arr	Dep	Arr	Dep
BA1	Vehicles	198	518	487	223	3110	3116
	Public transport	19	93	64	20	408	409
	Active travel	221	645	433	228	3048	3076
BA2	Vehicles	22	57	53	24	332	333
	Public transport	3	12	8	3	52	52
	Active travel	7	22	10	7	93	95
BA3	Vehicles	108	100	69	67	507	530
	Public transport	2	11	6	2	41	41
	Active travel	10	30	17	11	135	137
BA10	Vehicles	493	154	82	314	3230	3241
	Public transport	125	59	59	128	1132	1134
	Active travel	142	34	175	170	1684	1707
Whole site	Vehicles	742	801	688	590	7088	7106
	Public transport	149	175	137	153	1633	1637
	Active travel	380	731	635	416	4960	5015

BA10	HGVs	15	14	0	0	163	164

Full Build-Out With School

Business as Usual

Internal trips

Site	Scale	Mode	AM Peak		PM Peak		Daily	
			Arr	Dep	Arr	Dep	Arr	Dep
BA1	2750	Vehicles	92	262	186	89	1204	1211
		Public transport	2	6	4	2	26	26
		Active travel	101	290	205	98	1332	1340
BA2	200	Vehicles	0	0	0	0	0	0
		Public transport	0	0	0	0	0	0
		Active travel	0	0	0	0	0	0
BA3	0	Vehicles	0	0	0	0	0	0
		Public transport	0	0	0	0	0	0
		Active travel	0	0	0	0	0	0
BA10	100000	Vehicles	27	8	17	47	410	412
		Public transport	3	0	15	12	97	99
		Active travel	4	2	5	11	84	84
Whole site		Vehicles	118	270	202	136	1615	1623
		Public transport	5	6	19	14	123	125
		Active travel	105	292	211	110	1416	1424
BA10	100000	HGVs	1	1	0	0	16	16

Trips to Baldock and Letchworth

			AM Peak		PM Peak		Daily	
			Arr	Dep	Arr	Dep	Arr	Dep
BA1	2750	Vehicles	55	143	164	75	1096	1099
		Public transport	1	13	2	2	60	60
		Active travel	13	40	23	17	220	225
BA2	200	Vehicles	15	40	36	16	228	229
		Public transport	0	4	0	0	13	13
		Active travel	4	11	5	4	46	47
BA3	0	Vehicles	339	221	2	110	638	651
		Public transport	227	225	0	2	454	454
		Active travel	1008	975	0	33	2017	2017
BA10	100000	Vehicles	338	107	70	199	2107	2116
		Public transport	33	5	61	49	499	507
		Active travel	51	25	22	48	430	431
Whole site		Vehicles	748	511	272	401	4069	4094
		Public transport	262	246	63	53	1026	1034
		Active travel	1076	1051	49	101	2713	2719
BA10	100000	HGVs	8	8	0	0	82	82

Residual trips

			AM Peak		PM Peak		Daily	
			Arr	Dep	Arr	Dep	Arr	Dep
BA1	2750	Vehicles	140	367	329	151	2091	2097
		Public transport	3	33	3	3	115	115
		Active travel	32	101	45	34	420	429
BA2	200	Vehicles	10	27	24	11	152	152
		Public transport	0	2	0	0	8	8
		Active travel	2	7	3	2	31	31
BA3	0	Vehicles	226	147	1	73	425	434
		Public transport	151	150	0	1	303	303
		Active travel	672	650	0	22	1345	1345
BA10	100000	Vehicles	243	77	58	165	1678	1685
		Public transport	24	4	51	41	398	404
		Active travel	37	18	18	39	343	343
Whole site		Vehicles	620	618	412	400	4347	4368
		Public transport	178	189	54	45	824	830
		Active travel	744	777	66	98	2137	2148
BA10	100000	HGVs	6	6	0	0	65	66

Total external trips

			AM Peak		PM Peak		Daily	
			Arr	Dep	Arr	Dep	Arr	Dep
BA1	2750	Vehicles	195	511	493	226	3188	3196
		Public transport	4	47	5	5	175	175
		Active travel	45	141	68	51	639	653
BA2	200	Vehicles	25	67	60	27	380	381
		Public transport	1	6	1	1	21	21
		Active travel	6	18	8	6	76	78
BA3	0	Vehicles	565	368	4	184	1063	1085
		Public transport	378	375	0	4	756	756
		Active travel	1681	1626	0	55	3361	3361
BA10	100000	Vehicles	582	184	128	364	3785	3801
		Public transport	57	9	112	90	897	912
		Active travel	88	43	39	87	773	774
Whole site		Vehicles	1367	1129	684	801	8416	8462
		Public transport	440	436	117	99	1849	1864
		Active travel	1820	1829	115	200	4850	4867
BA10	100000	HGVs	14	14	0	0	147	148

Total trips

			AM Peak		PM Peak		Daily	
			Arr	Dep	Arr	Dep	Arr	Dep
BA1	2750	Vehicles	286	773	679	315	4392	4406
		Public transport	6	52	8	6	201	201
		Active travel	146	431	273	149	1972	1993
BA2	200	Vehicles	25	67	60	27	380	381
		Public transport	1	6	1	1	21	21
		Active travel	6	18	8	6	76	78
BA3	0	Vehicles	565	368	4	184	1063	1085
		Public transport	378	375	0	4	756	756
		Active travel	1681	1626	0	55	3361	3361
BA10	100000	Vehicles	609	192	144	412	4195	4213
		Public transport	60	9	126	102	994	1010
		Active travel	92	45	45	99	857	858
Whole site		Vehicles	1486	1400	886	938	10031	10085
		Public transport	445	442	136	112	1972	1989
		Active travel	1925	2120	326	309	6266	6291
			0	0	0	0	0	0
BA10	100000	HGVs	15	14	0	0	163	164

Vision-led

Internal trips

Site	Mode	AM Peak		PM Peak		Daily	
		Arr	Dep	Arr	Dep	Arr	Dep
BA1	Vehicles	22	63	45	21	291	292
	Public transport	12	35	25	12	159	160
	Active travel	161	459	326	156	2113	2124
BA2	Vehicles	0	0	0	0	0	0
	Public transport	0	0	0	0	0	0
	Active travel	0	0	0	0	0	0
BA3	Vehicles	0	0	0	0	0	0
	Public transport	0	0	0	0	0	0
	Active travel	0	0	0	0	0	0
BA10	Vehicles	25	8	10	40	352	353
	Public transport	5	3	7	15	111	111
	Active travel	3	1	19	16	128	131
Whole site	Vehicles	47	71	55	61	643	645
	Public transport	17	37	31	27	270	271
	Active travel	164	460	345	171	2241	2255
BA10	HGVs	1	1	0	0	16	16

Trips to Baldock and Letchworth

		AM Peak		PM Peak		Daily	
		Arr	Dep	Arr	Dep	Arr	Dep
BA1	Vehicles	36	87	113	50	728	727
	Public transport	4	25	20	6	133	134
	Active travel	28	84	62	38	515	523
BA2	Vehicles	13	31	30	14	187	188
	Public transport	2	10	7	2	42	42
	Active travel	4	14	6	5	57	59
BA3	Vehicles	339	221	2	110	638	651
	Public transport	227	225	0	2	454	454
	Active travel	1008	975	0	33	2017	2017
BA10	Vehicles	226	70	14	110	1206	1208
	Public transport	83	38	34	73	675	677
	Active travel	114	30	105	113	1155	1169
Whole site	Vehicles	614	409	160	284	2759	2774
	Public transport	316	297	61	84	1304	1307
	Active travel	1155	1103	173	189	3744	3767
BA10	HGVs	8	8	0	0	82	82

Residual trips

		AM Peak		PM Peak		Daily	
		Arr	Dep	Arr	Dep	Arr	Dep
BA1	Vehicles	140	367	329	151	2091	2097
	Public transport	3	33	19	3	115	115
	Active travel	32	101	45	34	420	429
BA2	Vehicles	10	25	23	11	145	145
	Public transport	0	3	2	0	10	10
	Active travel	3	8	4	3	36	36
BA3	Vehicles	226	147	1	73	425	434
	Public transport	151	150	0	1	303	303
	Active travel	672	650	0	22	1345	1345
BA10	Vehicles	243	77	58	165	1678	1685
	Public transport	37	18	18	39	343	343
	Active travel	24	4	51	41	398	404
Whole site	Vehicles	619	617	411	400	4340	4361
	Public transport	192	204	39	44	771	771
	Active travel	731	764	100	100	2197	2214
BA10	HGVs	6	6	0	0	65	66

Total external trips

		AM Peak		PM Peak		Daily	
		Arr	Dep	Arr	Dep	Arr	Dep
BA1	Vehicles	176	455	443	201	2819	2824
	Public transport	7	58	39	9	249	249
	Active travel	60	186	107	72	935	952
BA2	Vehicles	22	57	53	24	332	333
	Public transport	3	12	8	3	52	52
	Active travel	7	22	10	7	93	95
BA3	Vehicles	565	368	4	184	1063	1085
	Public transport	378	375	0	4	756	756
	Active travel	1681	1626	0	55	3361	3361
BA10	Vehicles	469	146	72	274	2884	2894
	Public transport	120	56	52	113	1018	1021
	Active travel	138	33	155	154	1553	1573
Whole site	Vehicles	1233	1026	572	683	7099	7135
	Public transport	508	501	99	128	2075	2078
	Active travel	1886	1867	273	288	5942	5980
BA10	HGVs	14	14	0	0	147	148

Total trips

		AM Peak		PM Peak		Daily	
		Arr	Dep	Arr	Dep	Arr	Dep
BA1	Vehicles	198	518	487	223	3110	3116
	Public transport	19	93	64	20	408	409
	Active travel	221	645	433	228	3048	3076
BA2	Vehicles	22	57	53	24	332	333
	Public transport	3	12	8	3	52	52
	Active travel	7	22	10	7	93	95
BA3	Vehicles	565	368	4	184	1063	1085
	Public transport	378	375	0	4	756	756
	Active travel	1681	1626	0	55	3361	3361
BA10	Vehicles	494	154	83	314	3236	3247
	Public transport	125	59	58	128	1129	1131
	Active travel	142	34	174	170	1681	1703
Whole site	Vehicles	1280	1097	627	745	7741	7781
	Public transport	525	539	131	155	2345	2349
	Active travel	2050	2327	618	460	8183	8235
BA10	HGVs	15	14	0	0	163	164

Full Build-Out Option 3 School

Business as Usual

Internal trips

Site	Scale	Mode	AM Peak		PM Peak		Daily	
			Arr	Dep	Arr	Dep	Arr	Dep
BA1	2750	Vehicles	92	262	186	89	1204	1211
		Public transport	2	6	4	2	26	26
		Active travel	101	290	205	98	1332	1340
BA2	200	Vehicles	0	0	0	0	0	0
		Public transport	0	0	0	0	0	0
		Active travel	0	0	0	0	0	0
BA3	86	Vehicles	0	0	0	0	0	0
		Public transport	0	0	0	0	0	0
		Active travel	0	0	0	0	0	0
BA10	100000	Vehicles	27	8	17	47	410	412
		Public transport	3	0	15	12	97	99
		Active travel	4	2	5	11	84	84
Whole site		Vehicles	118	270	202	136	1615	1623
		Public transport	5	6	19	14	123	125
		Active travel	105	292	211	110	1416	1424

BA10	100000	HGVs	1	1	0	0	16	16

Trips to Baldock and Letchworth

			AM Peak		PM Peak		Daily	
			Arr	Dep	Arr	Dep	Arr	Dep
BA1	2750	Vehicles	55	143	164	75	1096	1099
		Public transport	1	13	2	2	60	60
		Active travel	13	40	23	17	220	225
BA2	200	Vehicles	15	40	36	16	228	229
		Public transport	0	4	0	0	13	13
		Active travel	4	11	5	4	46	47
BA3	86	Vehicles	176	119	18	66	396	409
		Public transport	95	95	0	1	194	194
		Active travel	422	411	2	15	860	860
BA10	100000	Vehicles	338	107	70	199	2107	2116
		Public transport	33	5	61	49	499	507
		Active travel	51	25	22	48	430	431
Whole site		Vehicles	584	410	287	357	3827	3853
		Public transport	129	117	63	52	767	775
		Active travel	489	487	51	84	1556	1563

BA10	100000	HGVs	8	8	0	0	82	82

Residual trips

			AM Peak		PM Peak		Daily	
			Arr	Dep	Arr	Dep	Arr	Dep
BA1	2750	Vehicles	140	367	329	151	2091	2097
		Public transport	3	33	3	3	115	115
		Active travel	32	101	45	34	420	429
BA2	200	Vehicles	10	27	24	11	152	152
		Public transport	0	2	0	0	8	8
		Active travel	2	7	3	2	31	31
BA3	86	Vehicles	117	79	12	44	264	273
		Public transport	63	63	0	1	130	130
		Active travel	281	274	1	10	573	574
BA10	100000	Vehicles	243	77	58	165	1678	1685
		Public transport	24	4	51	41	398	404
		Active travel	37	18	18	39	343	343
Whole site		Vehicles	511	550	423	371	4186	4207
		Public transport	90	103	54	45	651	657
		Active travel	353	401	68	86	1366	1377

BA10	100000	HGVs	6	6	0	0	65	66

Total external trips

			AM Peak		PM Peak		Daily	
			Arr	Dep	Arr	Dep	Arr	Dep
BA1	2750	Vehicles	195	511	493	226	3188	3196
		Public transport	4	47	5	5	175	175
		Active travel	45	141	68	51	639	653
BA2	200	Vehicles	25	67	60	27	380	381
		Public transport	1	6	1	1	21	21
		Active travel	6	18	8	6	76	78
BA3	86	Vehicles	293	198	29	110	660	682
		Public transport	158	159	0	2	324	324
		Active travel	703	685	4	26	1433	1434
BA10	100000	Vehicles	582	184	128	364	3785	3801
		Public transport	57	9	112	90	897	912
		Active travel	88	43	39	87	773	774
Whole site		Vehicles	1095	960	710	728	8013	8060
		Public transport	220	220	117	97	1417	1432
		Active travel	842	888	119	170	2922	2940

BA10	100000	HGVs	14	14	0	0	147	148

Total trips

			AM Peak		PM Peak		Daily	
			Arr	Dep	Arr	Dep	Arr	Dep
BA1	2750	Vehicles	286	773	679	315	4392	4406
		Public transport	6	52	8	6	201	201
		Active travel	146	431	273	149	1972	1993
BA2	200	Vehicles	25	67	60	27	380	381
		Public transport	1	6	1	1	21	21
		Active travel	6	18	8	6	76	78
BA3	86	Vehicles	293	198	29	110	660	682
		Public transport	158	159	0	2	324	324
		Active travel	703	685	4	26	1433	1434
BA10	100000	Vehicles	609	192	144	412	4195	4213
		Public transport	60	9	126	102	994	1010
		Active travel	92	45	45	99	857	858
Whole site		Vehicles	1213	1230	912	864	9628	9683
		Public transport	224	226	136	110	1540	1557
		Active travel	947	1180	330	280	4338	4363
			0	0	0	0	0	0
BA10	100000	HGVs	15	14	0	0	163	164

Vision-led

Internal trips

Site	Mode	AM Peak		PM Peak		Daily	
		Arr	Dep	Arr	Dep	Arr	Dep
BA1	Vehicles	22	63	45	21	291	292
	Public transport	12	35	25	12	159	160
	Active travel	161	459	326	156	2113	2124
BA2	Vehicles	0	0	0	0	0	0
	Public transport	0	0	0	0	0	0
	Active travel	0	0	0	0	0	0
BA3	Vehicles	0	0	0	0	0	0
	Public transport	0	0	0	0	0	0
	Active travel	0	0	0	0	0	0
BA10	Vehicles	25	8	10	40	352	353
	Public transport	5	3	7	15	111	111
	Active travel	3	1	19	16	128	131
Whole site	Vehicles	47	71	55	61	643	645
	Public transport	17	37	31	27	270	271
	Active travel	164	460	345	171	2241	2255

BA10	HGVs	1	1	0	0	16	16

Trips to Baldock and Letchworth

		AM Peak		PM Peak		Daily	
		Arr	Dep	Arr	Dep	Arr	Dep
BA1	Vehicles	36	87	113	50	728	727
	Public transport	4	25	20	6	133	134
	Active travel	28	84	62	38	515	523
BA2	Vehicles	13	31	30	14	187	188
	Public transport	2	10	7	2	42	42
	Active travel	4	14	6	5	57	59
BA3	Vehicles	175	116	16	65	383	396
	Public transport	95	97	2	1	201	201
	Active travel	422	413	3	16	866	867
BA10	Vehicles	226	70	14	110	1206	1208
	Public transport	83	38	34	73	675	677
	Active travel	114	30	105	113	1155	1169
Whole site	Vehicles	449	304	174	239	2504	2519
	Public transport	185	169	63	83	1052	1054
	Active travel	569	540	176	172	2594	2617

BA10	HGVs	8	8	0	0	82	82

Residual trips

		AM Peak		PM Peak		Daily	
		Arr	Dep	Arr	Dep	Arr	Dep
BA1	Vehicles	140	367	329	151	2091	2097
	Public transport	3	33	19	3	115	115
	Active travel	32	101	45	34	420	429
BA2	Vehicles	10	25	23	11	145	145
	Public transport	0	3	2	0	10	10
	Active travel	3	8	4	3	36	36
BA3	Vehicles	117	79	12	44	264	273
	Public transport	63	63	1	1	130	130
	Active travel	281	274	1	10	573	574
BA10	Vehicles	243	77	58	165	1678	1685
	Public transport	37	18	18	39	343	343
	Active travel	24	4	51	41	398	404
Whole site	Vehicles	510	549	422	370	4178	4200
	Public transport	103	118	39	44	598	598
	Active travel	340	388	101	88	1426	1443

BA10	HGVs	6	6	0	0	65	66

Total external trips

		AM Peak		PM Peak		Daily	
		Arr	Dep	Arr	Dep	Arr	Dep
BA1	Vehicles	176	455	443	201	2819	2824
	Public transport	7	58	39	9	249	249
	Active travel	60	186	107	72	935	952
BA2	Vehicles	22	57	53	24	332	333
	Public transport	3	12	8	3	52	52
	Active travel	7	22	10	7	93	95
BA3	Vehicles	292	195	28	109	647	668
	Public transport	158	160	3	2	331	331
	Active travel	703	687	4	26	1440	1441
BA10	Vehicles	469	146	72	274	2884	2894
	Public transport	120	56	52	113	1018	1021
	Active travel	138	33	155	154	1553	1573
Whole site	Vehicles	960	853	596	609	6682	6719
	Public transport	288	287	102	126	1650	1653
	Active travel	909	928	277	259	4020	4060

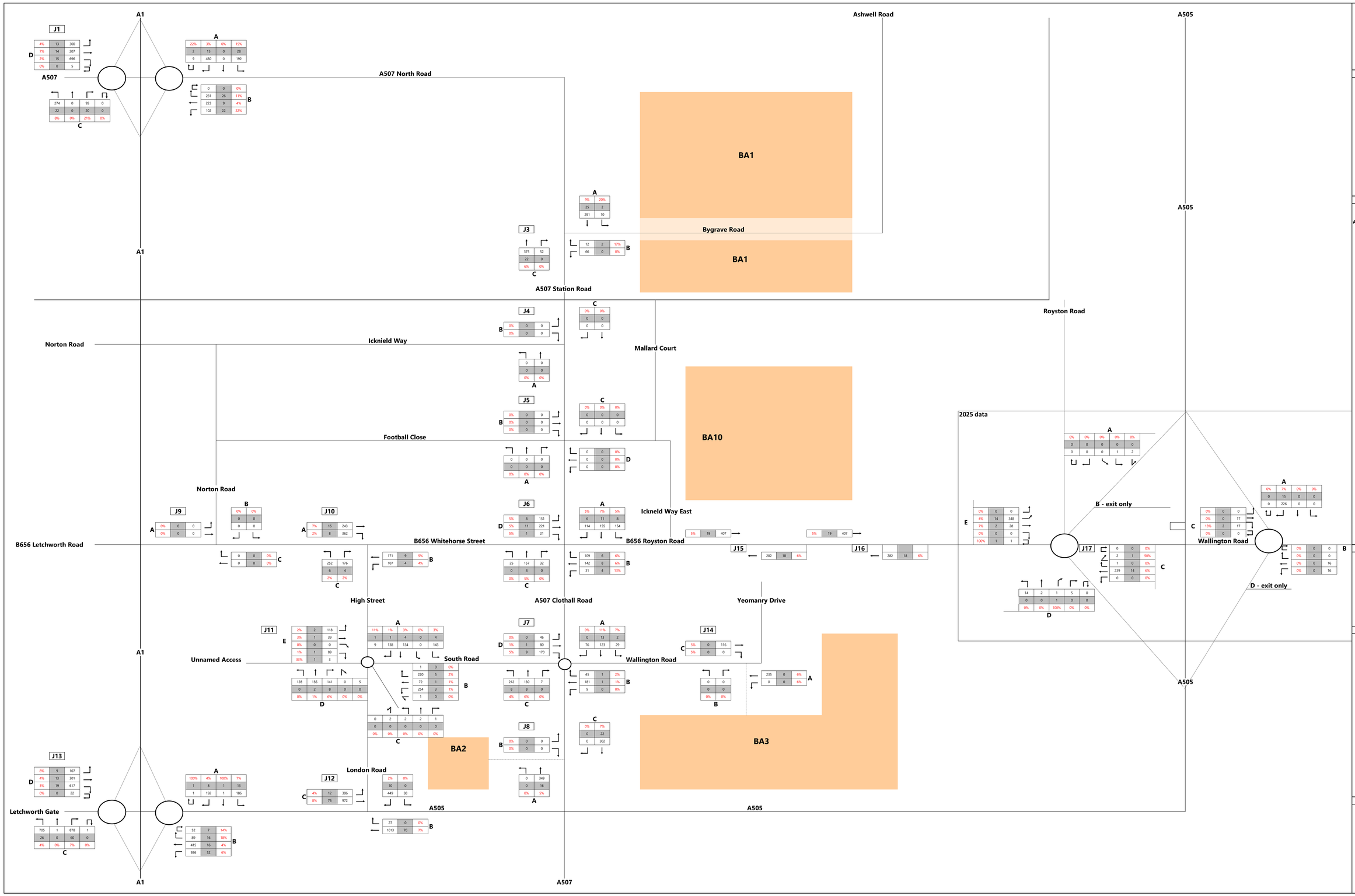
BA10	HGVs	14	14	0	0	147	148

Total trips

		AM Peak		PM Peak		Daily	
		Arr	Dep	Arr	Dep	Arr	Dep
BA1	Vehicles	198	518	487	223	3110	3116
	Public transport	19	93	64	20	408	409
	Active travel	221	645	433	228	3048	3076
BA2	Vehicles	22	57	53	24	332	333
	Public transport	3	12	8	3	52	52
	Active travel	7	22	10	7	93	95
BA3	Vehicles	292	195	28	109	647	668
	Public transport	158	160	3	2	331	331
	Active travel	703	687	4	26	1440	1441
BA10	Vehicles	494	154	83	314	3236	3247
	Public transport	125	59	58	128	1129	1131
	Active travel	142	34	174	170	1681	1703
Whole site	Vehicles	1007	924	651	671	7325	7364
	Public transport	305	324	133	153	1920	1924
	Active travel	1073	1388	622	431	6261	6314

BA10	HGVs	15	14	0	0	163	164

Appendix K – Network Flow Diagrams



ITP Project: 3712

2022 AM

Assumptions

DATE: 02/03/2023

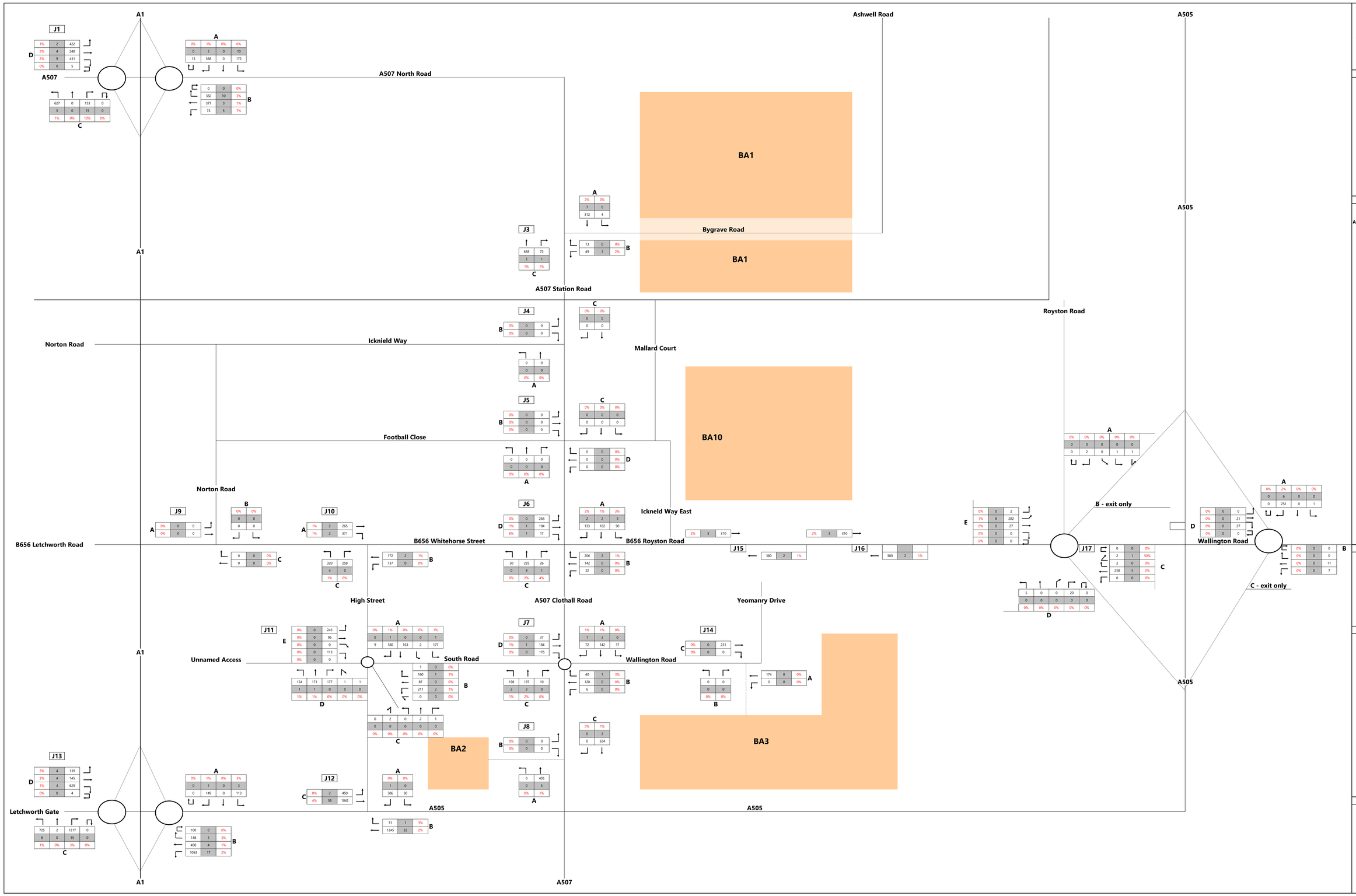
KEY:

Total Vehicles xx

HGVs xx

HGV % %

Baldock Masterplan



a company of Royal HaskoningDHV

ITP Project: 3712

2022 PM

Assumptions

DATE: 02/03/2023

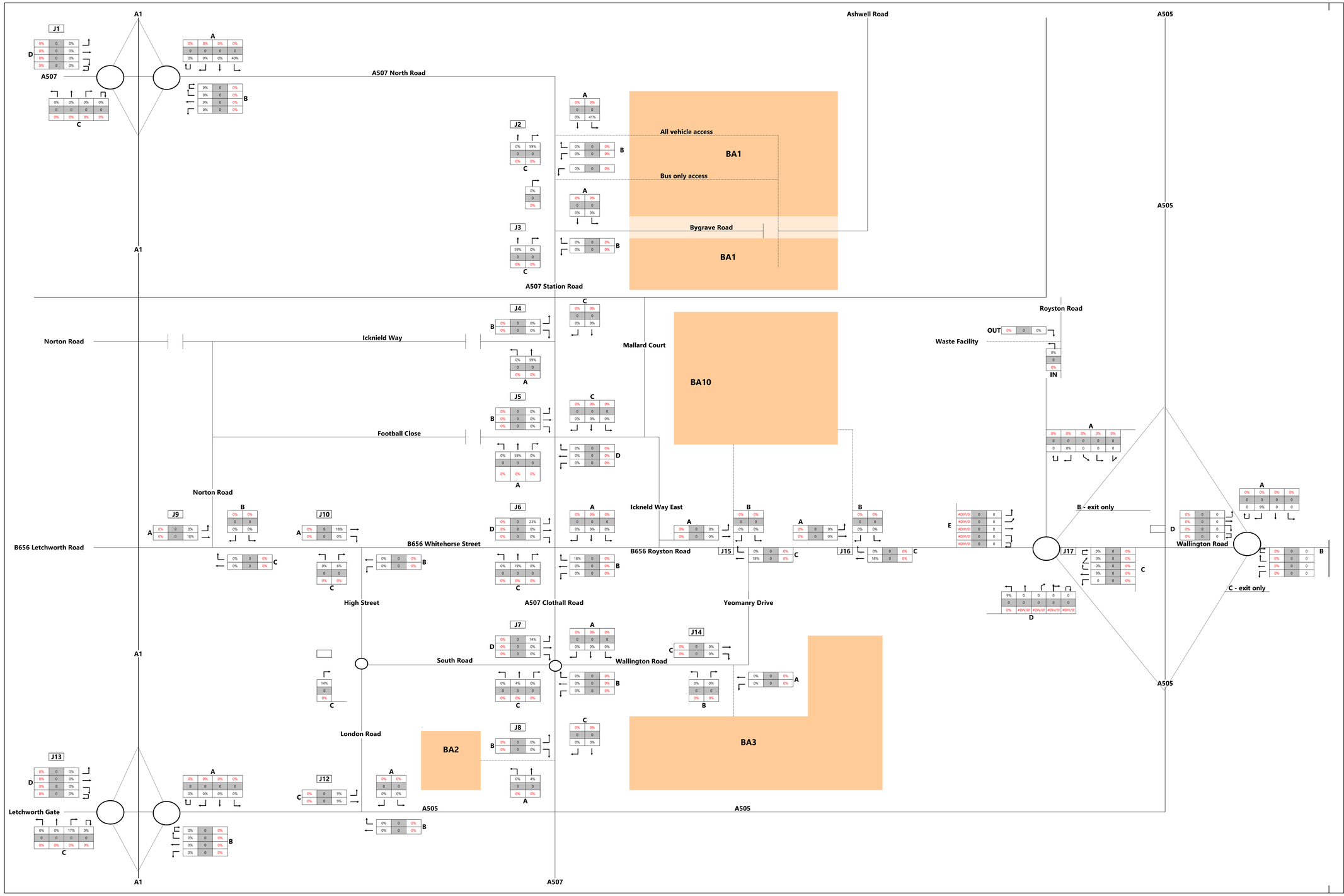
KEY:

Total Vehicles xx

HGVs xx

HGV % %

Baldock Masterplan



a company of Royal HaskoningDHV

ITP Project: 3712

BA1 2033 % In

Assumptions

DATE: 02/03/2023

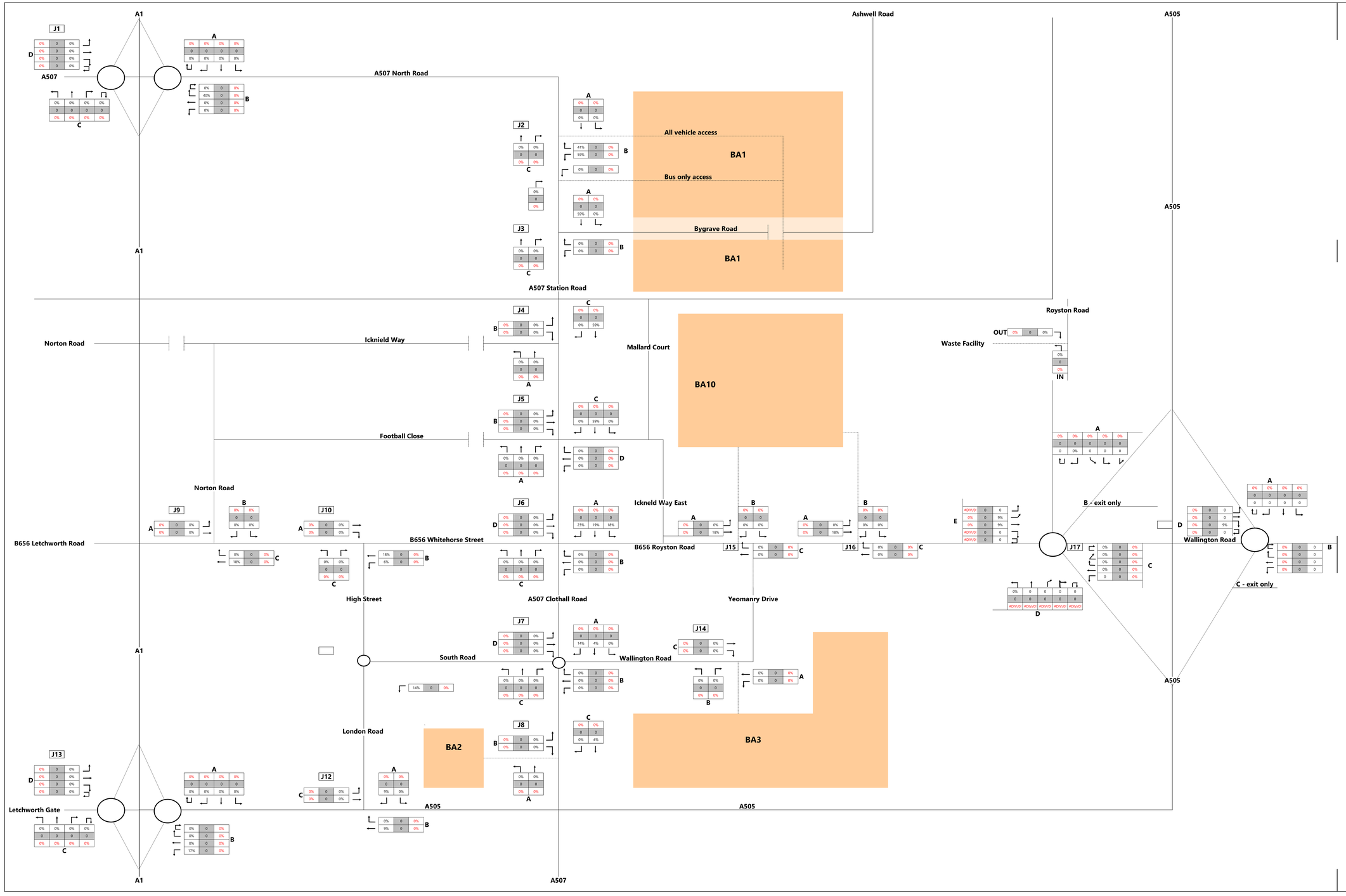
KEY:

Total Vehicles xx

HGVs xx

HGV % %

Baldock Masterplan



a company of Royal HaskoningDHV

ITP Project: 3712

BA1 2033 % Out

Assumptions

DATE: 02/03/2023

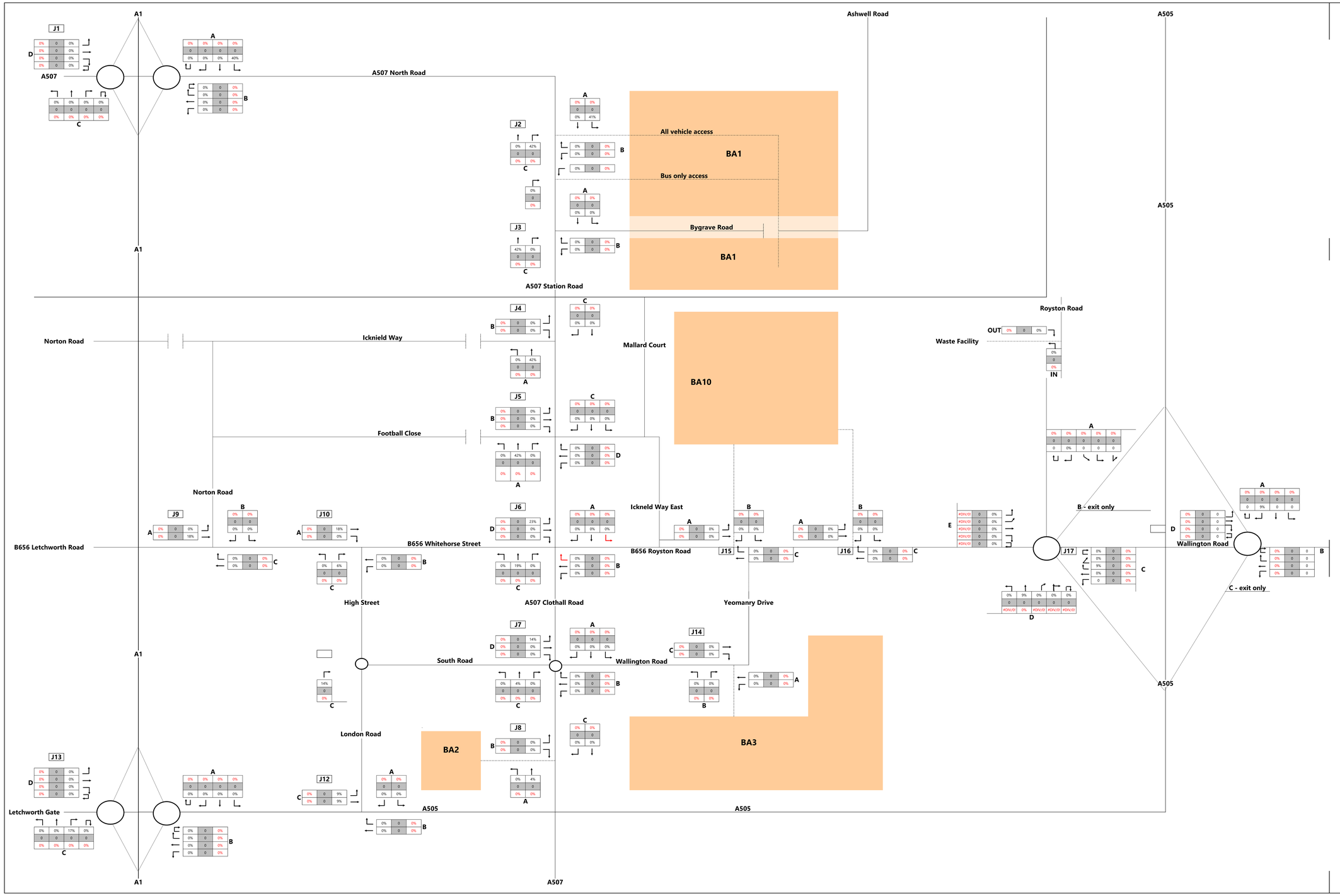
KEY:

Total Vehicles xx

HGVs xx

HGV % %

Baldock Masterplan



ITP Project: 3712

BA1 North Road % In

Assumptions

DATE: 02/03/2023

KEY:

Total Vehicles xx

HGVs xx

HGV % %

Baldock Masterplan