Green Hill Solar Farm
EN010170

Environmental Statement
Appendix 13.1: Transport and Access Assessment Tables

Prepared by: KMC

Date: May 2025

Document Reference: APP/GH6.3.13.1

APFP Regulation 5(2)(a)

Appendix 13.1 Vehicle Flow Data Tables

This appendix is supported by the following tables:

- **Table 13A1.1: Links and Sensitivity Scoring**
- **Table 13A1.2: Development Traffic**
- **Table 13A1.3: AADT Total Development Traffic, 2024 Scenario (Two-Way Flows)**
- **Table 13A1.4: AADT Total Development Traffic, 2029 Scenario (Two-Way Flows)**
- **Table 13A1.5: Summary of Effects**
- **Table 13A1.6: AADT Severance - Significance of Effects**
- **Table 13A1.7: AADT Amenity - Significance of Effects**
- **Table 13A1.8: AADT Pedestrian Delay - Significance of Effects**
- **Table 13A1.9: AADT Fear and Intimidation - Significance of Effects**

Table 13A1.1 - Links and Sensitivity Scoring

Link ID	Link Name	Sensitivity	Additional explanation
1	Broughton Road - Between North of Access A3 and junction with Old Road	**Negligible**	No sensitive receptors
2	Broughton Road - Between South of Access A3 and junction with Newland Road	**Negligible**	No sensitive receptors
3	Broughton Road - West of junction with Newland Road and east of Access A1	**Negligible**	No sensitive receptors
4	Broughton Road - West of access A1 and Old	**Medium**	Passes through the village of Old. Narrow footways provided. Pub, church, recreation facilities
5	Newland Road - Between junction with Broughton Road and Green Hill A crossing point	**High**	Newland Road is designated as a Quiet Lane and horse stables
6	Newland Road - Between Green Hill A crossing point and Walgrave	**High**	Newland Road is designated as a Quiet Lane and horse stables
7	Old Road - Between junction with Broughton Road and the A43	**Medium**	There is a PRoW along this section of Old Road and there is a number of collisions at the junction with the A43, including a fatality.
8	A43 - Between roundabout with Old Road and junction with A14	**Low**	PRoW but no other sensitive receptors
9	A43 - Between roundabout with Old Road and roundabout with Kettering Road	**Medium**	There has been a fatality along this section of the A43 in the past 5-years
10	Kettering Road - East of access to Green Hill A.2 and roundabout with A43	**Negligible**	No sensitive receptors
11	Kettering Road - West of access with Green Hill A.2	**Medium**	PRoW cross the road

Link ID	Link Name	Sensitivity	Additional explanation
12	A43 - Between roundabout with Kettering Road to roundabout with Sywell Road	**Low**	
13	Old Road - Between Old and Scaldwell	**Medium**	Passes through the village of Old which is a residential area. PRoW
14	Scaldwell Road - Between Scaldwell and the junction with the A508	**Medium**	Passes through the village of Scaldwell which is a residential area. PRoW
15	A508 - Between junction with Scaldwell Road and Maidwell	**Medium**	National Cycle Network crosses over it and PRoW
16	A508 - From Maidwell to junction with A14	**High**	Passes through the village of Maidwell which is a residential area. PRoW. Primary school in village
17	A14 - West of junction 2 with the A508	**Negligible**	
18	A14 - Between junction 2 (with A508) and junction 3 & 4 (with the A6 and Rothwell)	**Negligible**	
19	A14 - Between junction 3 & 4 (with the A6 and Rothwell) and junction 7 (with Kettering)	**Negligible**	
20	A14 - Between junction 7 (with Kettering) and junction 8 (with A43)	**Negligible**	
21	A14 - Between junction 8 (with A43) and junction 8 (with A509)	**Negligible**	
22	A14 - West of junction 8 (with A509)	**Negligible**	
23	A508 - South of junction with Scaldwell Road and Brixworth	**Negligible**	
24	A508 - Between junction with Harborough Road and roundabout with Spratton Road	**Negligible**	
25	A508 - Between south of roundabout with Spratton Road	**Medium**	PRoW crosses the road
26	Holcot Road - Between Brixwell and Holcot	**Medium**	Passes through the village of Holcot which is a residential area
27	Sywell Road - West of access to Green Hill B to A34 roundabout	**Negligible**	
28	Sywell Road - East of access to Green Hill B to Holcot	**High**	Riding school
29	A43 - Between Sywell Road roundabout and Stratford Drive roundabout	**Low**	PRoW but no other sensitive receptors
30	Overstone Road - Between roundabout with A43 and Sywell	**High**	Route passes past Overstone Primary School
31	Sywell Road - Between roundabout with A43 and Sywell	**Negligible**	

Link ID	Link Name	Sensitivity	Additional explanation
32	Sywell Road - Between Sywell and west of access to Green Hill C	**Low**	There is a PRoW along this section of Sywell Road and passes the Sywell Aerodrome
33	Sywell Road - East of access Green Hill C to Highfield Road	**Low**	PRoW but no other sensitive receptors
34	Highfield Road - South of junction with Sywell Road to the access to Green Hill E	**Medium**	Potential for some vulnerable road users on a narrow lane
35	Sywell Road - Through Park Farm Industrial Estate	**Low**	Passes through Park Farm Industrial Estate - some people may cross the road
36	Moonshine Gap - Between junction with Highfield Road and junction to Park Farm Industrial Estate	**Low**	PRoW but no other sensitive receptors
37	A509 - Between junction with A14 and Wellingborough	**High**	Passes through the village of Isham which is a residential area and has a primary school.
38	A509 - Between A510 roundabout and Park Farm Industrial Estate roundabout	**Medium**	There is likely to be pedestrian and cyclist crossing movements over the roundabouts
39	A509 - Between Sywell Road and Rutherford Drive roundabouts	**Medium**	There is likely to be pedestrian and cyclist crossing movements over the roundabouts
40	A509 - Between Park Farm Industrial Estate and Prospero Drive Roundabout	**Low**	PRoW but no other sensitive receptors
41	A509 - Between Prospero Drive and A4500 roundabouts	**Low**	PRoW but no other sensitive receptors
42	A509 - Between A4500 and A45 roundabouts	**Low**	PRoW but no other sensitive receptors
43	A4500 - Between A509 roundabout and Mears Ashby Road junction	**High**	Route passes past Wilby Primary School
44	Mears Ashby Road - Between Wilby and Green Hill E red line	**Low**	PRoW but no other sensitive receptors
45	Mears Ashby Road - Through Green Hill E red line to edge of Mears Ashby	**Negligible**	
46	Sywell Road - Between Sywell and Mears Ashby	**Medium**	Passes through the village of Sywell which is a residential area and PRoW
47	Earls Barton Road - Between Mears Ashby to north of access to Green Hill E	**Medium**	Passes past a collection of houses to the south of Mears Ashby and PRoW
48	Earls Barton Road - South of access to Green Hill E to the junction with the A4500	**Medium**	Passes past a collection of houses to the south of Mears Ashby along Mears Ashby Road
49	A4500 - From junction with Mears Ashby Road to junction with Wellingborough Road	**Medium**	Passes to the north of Earls Barton and Earls Barton industrial estate. Further to this, the junction with

Link ID	Link Name	Sensitivity	Additional explanation
			Mears Ashby Road and the B573 is a busy junction at peak times. PRoW.
50	A4500 - East of Earls Barton to west of Wilby	**Medium**	Passes through the village of Wilby which is a residential area
51	B573 - A43 to Earls Barton	**Low**	PRoW but no other sensitive receptors
52	B573 - Through Earls Barton	**Medium**	Passes past the town of Earls Barton which is a residential area
53	A45 - East of junction 14 with A509	**Low**	PRoW but no other sensitive receptors
54	A45 - Between junction 14 (with A509) and junction 13 (roundabout with A509)	**Low**	PRoW but no other sensitive receptors
55	A45 - Between junction 12 (with A509) to junction 10 (with Station Road)	**Low**	PRoW but no other sensitive receptors
56	A45 - Between junction 10 (with Station Road) and junction 9 (with A5076)	**Low**	PRoW but no other sensitive receptors
57	A45 - Between the junction with A5076 to the A43 junction	**Medium**	A busy Stretch of the A45 passing through Northampton
58	A43 - West of A43 junction to the A428 junction	**Medium**	A busy Stretch of the A45 passing through Northampton
59	A428 - A45 junction to Little Houghton	**Medium**	Passes through the village of Brafield-on-the-Green
60	A428 - Between Yardly Hastings and roundabout with A509	**Medium**	Passes through the villages of Denton and Yardley Hastings
61	A428 - Between roundabout with A509 and west of access to Green Hill G	**Negligible**	
62	A428 - East of access to Green Hill G	**Low**	PRoW but no other sensitive receptors
63	A509 - Between A428 roundabout to London Road Junction	**Low**	There are PRoWs along this section of the A509
64	A509 - Between London Road junction to south of access with Green Hill F	**Negligible**	
65	A509 - North of access to Green Hill F to Bozeat roundabout	**Negligible**	PRoW passes under A509
66	A509 - From Bozeat roundabout to South of Green Hill F access	**Negligible**	
67	A509 - North of Green Hill F access to junction with London Road (towards Wollaston)	**Low**	PRoW but no other sensitive receptors
68	A509 - Between London Road junction to Hardwater Road roundabout	**Low**	There are PRoWs along this section of the A509
69	A509 - Between Hardwater Road roundabout to A45	**Low**	Wollaston

Link ID	Link Name	Sensitivity	Additional explanation
70	Hardwater Road - Between junction with Main Road and A509 roundabout	**Low**	PRoW but no other sensitive receptors
71	Hardwater Road - Between junction Main Road to Great Doddington	**High**	Summer Leys Local Nature Reserve is adjacent to this section of Hardwater Road
72	B573 - Between junction with A45 and Hardwater Road junction	**Medium**	Passes through the village of Great Doddington
73	Main Road - South of junction with Hardwater Road to Grendon	**Low**	PRoW but no other sensitive receptors
74	Station Road - A45 to junction with Whiston Road	**High**	Passes past a Sportsground & Marina with the potential for pedestrians and cyclists
75	Station Road - From junction with Whiston Road to western access to Green Hill BESS	**Negligible**	
76	Station Road - Between the two accesses to Green Hill BESS	**Low**	PRoW but no other sensitive receptors
77	Station Road - East of access to Green Hill BESS to Grendon	**Low**	PRoW but no other sensitive receptors
78	Easton Way - From Grendon to Green Hill F red line boundary	**High**	Passes past Grendon Primary School + play area
79	Easton Way - From Green Hill F crossing to Easton Maudit	**High**	Passes through the village of Easton Maudit which has a horse riding centre
80	Easton Lane - From Easton Maudit to Bozeat	**Negligible**	
81	London Road - From red line of Green Hill F to roundabout with A509	**High**	Passes through the residential area of Bozeat. There is an equestrian centre to the east of Bozeat which may cross this link.
82	A45 - From Roundabout with A509 to Doddington Road Junction	**Negligible**	
83	Doddington Road - A45 Junction to CC2 access	**Medium**	Passes Glebe Farm and sports facility

Table 13A1.2: Green Hill Construction Traffic (Two-Way Flows)

Link ID	All Vehicles	HGVs
1	148	15
2	10	0
3	10	0
4	10	0
5	0	0
6	0	0
7	148	15
8	116	55
9	201	53
10	72	18
11	0	0
12	217	44
13	10	0
14	10	0
15	20	0
16	0	0
17	57	35
18	53	35
19	48	35
20	111	88
21	122	33
22	8	0
23	10	0
24	10	0
25	0	0
26	10	0
27	78	18
28	10	0
29	210	18
30	94	0
31	17	0
32	101	0
33	118	10
34	193	34
35	167	44

36	167	44
37	126	33
38	126	33
39	204	33
40	204	33
41	204	33
42	237	33
43	11	0
44	8	0
45	8	0
46	9	0
47	1	0
48	8	1
49	4	0
50	4	0
51	4	1
52	4	1
53	123	50
54	189	32
55	107	32
56	67	32
57	67	32
58	370	50
59	81	18
60	81	18
61	138	19
62	20	0
63	86	18
64	86	18
65	86	18
66	114	18
67	156	18
68	156	18
69	156	18
70	0	0
71	0	0
72	0	0

73	0	0
74	113	30
75	113	30
76	50	22
77	1	0
78	1	0
79	1	0
80	71	7
81	71	7
82	122	43
83	50	22

Table 13A1.3: AADT Total Development Traffic, 2024 Scenario (Two-Way Flows)

Link ID	All Vehicles			HGVs		
	2024 Base	2024 Base + Green Hill Vehicles	% Increase	2024 Base	2024 Base + Green Hill Vehicles	% Increase
1	1802	1950	8.22%	365	380	4.13%
2	1802	1812	0.54%	365	365	0.00%
3	1579	1589	0.61%	286	286	0.00%
4	1579	1589	0.61%	286	286	0.00%
5	286	286	0.00%	47	47	0.00%
6	286	286	0.00%	47	47	0.00%
7	5301	5449	2.80%	623	638	2.42%
8	24781	24897	0.47%	4962	5017	1.10%
9	23288	23488	0.86%	5589	5641	0.94%
10	1447	1519	4.97%	173	191	10.29%
11	1447	1447	0.00%	173	173	0.00%
12	23565	23782	0.92%	3147	3190	1.39%
13	1664	1674	0.58%	132	132	0.00%
14	160	170	6.05%	44	44	0.00%
15	10989	11009	0.18%	2471	2471	0.00%
16	7897	7897	0.00%	1227	1227	0.00%
17	53061	53118	0.11%	11828	11863	0.30%
18	54360	54413	0.10%	10880	10915	0.32%
19	74975	75023	0.06%	11505	11540	0.30%
20	87531	87642	0.13%	11325	11414	0.78%
21	81213	81335	0.15%	10851	10885	0.31%
22	66283	66291	0.01%	9116	9116	0.00%
23	11474	11484	0.09%	3697	3697	0.00%
24	10862	10873	0.10%	2275	2275	0.00%
25	9642	9642	0.00%	1757	1757	0.00%
26	6974	6985	0.15%	1091	1091	0.00%
27	7630	7708	1.02%	1633	1651	1.10%
28	7630	7641	0.14%	1633	1633	0.00%
29	24565	24774	0.85%	3403	3421	0.54%
30	4905	4998	1.91%	569	569	0.00%
31	6149	6165	0.27%	1150	1150	0.00%
32	5234	5335	1.94%	727	727	0.00%
33	5234	5351	2.25%	727	737	1.32%

34	973	1166	19.81%	117	152	29.33%
35	6288	6455	2.66%	513	557	8.59%
36	6280	6447	2.66%	722	766	6.10%
37	22357	22483	0.56%	1364	1398	2.45%
38	14983	15109	0.84%	2678	2712	1.25%
39	16025	16229	1.28%	2293	2327	1.46%
40	20801	21005	0.98%	1450	1483	2.31%
41	19557	19762	1.04%	3063	3097	1.09%
42	29224	29460	0.81%	1496	1530	2.24%
43	9868	9879	0.12%	996	996	0.00%
44	1874	1882	0.42%	225	225	0.00%
45	1871	1879	0.42%	276	276	0.00%
46	3122	3131	0.28%	412	412	0.00%
47	3496	3497	0.03%	376	376	0.00%
48	3496	3504	0.22%	376	377	0.24%
49	6688	6692	0.05%	1166	1166	0.00%
50	8326	8330	0.04%	956	956	0.00%
51	5749	5753	0.07%	828	829	0.11%
52	5846	5850	0.07%	759	759	0.12%
53	51238	51361	0.24%	2632	2682	1.90%
54	53797	53985	0.35%	3220	3252	0.99%
55	53113	53220	0.20%	3693	3725	0.88%
56	58259	58326	0.11%	3993	4025	0.80%
57	67179	67246	0.10%	4128	4160	0.77%
58	99435	99805	0.37%	5737	5787	0.87%
59	17838	17919	0.45%	817	835	2.20%
60	5592	5672	1.44%	966	984	1.86%
61	7042	7180	1.96%	1193	1211	1.57%
62	7042	7062	0.28%	1193	1193	0.00%
63	13559	13645	0.64%	638	656	2.82%
64	11172	11258	0.77%	1633	1651	1.10%
65	11172	11258	0.77%	1633	1651	1.10%
66	12937	13051	0.88%	1862	1880	0.97%
67	12937	13093	1.21%	1862	1880	0.97%
68	12316	12472	1.27%	1632	1650	1.10%
69	12917	13073	1.21%	2433	2451	0.74%
70	5506	5506	0.00%	734	734	0.00%

71	4470	4470	0.01%	1951	1951	0.00%
72	6118	6118	0.00%	856	856	0.00%
73	1548	1548	0.00%	234	234	0.00%
74	2934	3047	3.85%	403	433	7.53%
75	1818	1931	6.22%	254	284	11.95%
76	1818	1868	2.78%	254	276	8.67%
77	1818	1819	0.07%	254	254	0.00%
78	653	654	0.20%	83	83	0.00%
79	653	654	0.20%	83	83	0.00%
80	957	1028	7.47%	136	143	5.29%
81	1434	1506	4.98%	148	155	4.86%
82	53113	53235	0.23%	3693	3736	1.17%
83	6118	6168	0.82%	856	878	2.57%

Table 13A1.4: AADT Total Development Traffic, 2029 Scenario (Two-Way Flows)

Link ID	All Vehicles			HGVs		
	2029 Base	2029 Growth + Green Hill Vehicles	% Increase	2029 Base	2029 Growth + Green Hill Vehicles	% Increase
1	1901	2049	7.79%	385	400	3.91%
2	1901	1911	0.51%	385	385	0.00%
3	1666	1675	0.58%	301	301	0.00%
4	1666	1675	0.58%	301	301	0.00%
5	302	302	0.00%	50	50	0.00%
6	302	302	0.00%	50	50	0.00%
7	5592	5740	2.65%	657	672	2.29%
8	28157	28273	0.41%	5247	5301	1.04%
9	26663	26864	0.75%	5910	5962	0.89%
10	1526	1598	4.71%	183	201	9.76%
11	1526	1526	0.00%	183	183	0.00%
12	26941	27158	0.80%	3327	3371	1.31%
13	1756	1765	0.55%	139	139	0.00%
14	169	178	5.74%	46	46	0.00%
15	11593	11613	0.17%	2607	2607	0.00%
16	8331	8331	0.00%	1294	1294	0.00%
17	57033	57090	0.10%	12601	12636	0.28%
18	58332	58385	0.09%	11591	11626	0.30%
19	79875	79923	0.06%	12257	12292	0.29%
20	93252	93363	0.12%	11879	11967	0.74%
21	86521	86643	0.14%	11381	11415	0.29%
22	70615	70623	0.01%	9637	9637	0.00%
23	12104	12114	0.09%	3900	3900	0.00%
24	11459	11469	0.09%	2399	2399	0.00%
25	10172	10172	0.00%	1854	1854	0.00%
26	7357	7368	0.14%	1151	1151	0.00%
27	8049	8127	0.96%	1723	1741	1.04%
28	8049	8060	0.13%	1723	1723	0.00%
29	27940	28150	0.75%	3598	3617	0.51%
30	5174	5268	1.81%	601	601	0.00%
31	6486	6503	0.26%	1213	1213	0.00%
32	5521	5622	1.84%	767	767	0.00%

33	5521	5639	2.13%	767	777	1.25%
34	1027	1220	18.78%	124	158	27.81%
35	6633	6800	2.52%	541	585	8.14%
36	6625	6792	2.52%	762	806	5.78%
37	27833	27959	0.45%	1403	1436	2.39%
38	20459	20585	0.62%	2793	2827	1.20%
39	21501	21705	0.95%	2392	2425	1.40%
40	26277	26481	0.78%	1512	1546	2.21%
41	25033	25237	0.82%	3195	3228	1.05%
42	34700	34936	0.68%	1538	1572	2.18%
43	10739	10750	0.11%	1051	1051	0.00%
44	1976	1984	0.40%	237	237	0.00%
45	1973	1981	0.40%	291	291	0.00%
46	3294	3302	0.27%	434	434	0.00%
47	3688	3689	0.02%	397	397	0.00%
48	3688	3696	0.21%	397	398	0.23%
49	7559	7563	0.05%	1230	1230	0.00%
50	9197	9200	0.04%	1009	1009	0.00%
51	6065	6069	0.07%	874	875	0.10%
52	6167	6171	0.07%	800	801	0.11%
53	58982	59105	0.21%	2804	2854	1.78%
54	61541	61729	0.31%	3382	3414	0.94%
55	60857	60964	0.18%	3878	3911	0.83%
56	66003	66069	0.10%	4194	4226	0.76%
57	74923	74990	0.09%	4348	4380	0.73%
58	107179	107549	0.35%	6113	6163	0.82%
59	18689	18769	0.43%	856	874	2.10%
60	5858	5939	1.38%	1012	1030	1.78%
61	7378	7516	1.87%	1250	1268	1.50%
62	7378	7397	0.27%	1250	1250	0.00%
63	14147	14233	0.61%	666	684	2.71%
64	11656	11742	0.74%	1704	1722	1.06%
65	11656	11742	0.74%	1704	1722	1.06%
66	13498	13612	0.85%	1942	1960	0.93%
67	13498	13654	1.16%	1942	1960	0.93%
68	12850	13006	1.22%	1703	1721	1.06%
69	13476	13632	1.16%	2539	2557	0.71%

70	5808	5809	0.00%	774	774	0.00%
71	4715	4716	0.00%	2058	2058	0.00%
72	6454	6454	0.00%	903	903	0.00%
73	1633	1633	0.00%	247	247	0.00%
74	3095	3208	3.65%	425	455	7.14%
75	1917	2030	5.89%	268	298	11.33%
76	1917	1968	2.63%	268	290	8.22%
77	1917	1919	0.07%	268	268	0.00%
78	689	690	0.19%	87	87	0.00%
79	689	690	0.19%	87	87	0.00%
80	1009	1081	7.08%	143	150	5.02%
81	1513	1584	4.73%	156	163	4.60%
82	60857	60979	0.20%	3878	3922	1.12%
83	6454	6504	0.77%	903	925	2.44%

Table 13A1.5: Summary of Effects

Link ID	Sensitivity	Severance		Amenity		Pedestrian Delay		Fear and Intimidation	
		Mag. Impact	Significance	Mag. Impact	Significance	Mag. Impact	Significance	Mag. Impact	Significance
1	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
2	Negligible	Negligible	Negligible	Negligible	Negligible	-	-	Negligible	Negligible
3	Negligible	Negligible	Negligible	Negligible	Negligible	-	-	Negligible	Negligible
4	Medium	Negligible	Minor Adverse	Negligible	Minor Adverse	-	-	Negligible	Minor Adverse
5	High	-	-	-	-	-	-	Negligible	Minor Adverse
6	High	-	-	-	-	-	-	Negligible	Minor Adverse
7	Medium	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse
8	Low	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
9	Medium	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse
10	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
11	Medium	-	-	-	-	-	-	Negligible	Minor Adverse
12	Low	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
13	Medium	Negligible	Minor Adverse	Negligible	Minor Adverse	-	-	Negligible	Minor Adverse
14	Medium	Negligible	Minor Adverse	Negligible	Minor Adverse	-	-	Negligible	Minor Adverse
15	Medium	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse
16	High	-	-	-	-	-	-	Negligible	Minor Adverse
17	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
18	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
19	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
20	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
21	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
22	Negligible	Negligible	Negligible	Negligible	Negligible	-	-	Negligible	Negligible
23	Negligible	Negligible	Negligible	Negligible	Negligible	-	-	Negligible	Negligible
24	Negligible	Negligible	Negligible	Negligible	Negligible	-	-	Negligible	Negligible
25	Medium	-	-	-	-	-	-	Negligible	Minor Adverse
26	Medium	Negligible	Minor Adverse	Negligible	Minor Adverse	-	-	Negligible	Minor Adverse
27	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
28	High	Negligible	Minor Adverse	Negligible	Minor Adverse	-	-	Negligible	Minor Adverse
29	Low	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible

30	High	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse
31	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
32	Low	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
33	Low	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
34	Medium	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse
35	Low	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
36	Low	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
37	High	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse
38	Medium	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse
39	Medium	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse
40	Low	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
41	Low	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
42	Low	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
43	High	Negligible	Minor Adverse	Negligible	Minor Adverse	-	-	Negligible	Minor Adverse
44	Low	Negligible	Negligible	Negligible	Negligible	-	-	Negligible	Negligible
45	Negligible	Negligible	Negligible	Negligible	Negligible	-	-	Negligible	Negligible
46	Medium	Negligible	Minor Adverse	Negligible	Minor Adverse	-	-	Negligible	Minor Adverse
47	Medium	Negligible	Minor Adverse	Negligible	Minor Adverse	-	-	Negligible	Minor Adverse
48	Medium	Negligible	Minor Adverse	Negligible	Minor Adverse	-	-	Negligible	Minor Adverse
49	Medium	Negligible	Minor Adverse	Negligible	Minor Adverse	-	-	Negligible	Minor Adverse
50	Medium	Negligible	Minor Adverse	Negligible	Minor Adverse	-	-	Negligible	Minor Adverse
51	Low	Negligible	Negligible	Negligible	Negligible	-	-	Negligible	Negligible
52	Medium	Negligible	Minor Adverse	Negligible	Minor Adverse	-	-	Negligible	Minor Adverse
53	Low	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
54	Low	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
55	Low	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
56	Low	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
57	Medium	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse
58	Medium	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse
59	Medium	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse
60	Medium	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse
61	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
62	Low	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible

63	Low	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
64	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
65	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
66	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
67	Low	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
68	Low	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
69	Low	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
70	Low	-	-	-	-	-	-	Negligible	Negligible
71	High	-	-	-	-	-	-	Negligible	Minor Adverse
72	Medium	-	-	-	-	-	-	Negligible	Minor Adverse
73	Low	-	-	-	-	-	-	Negligible	Negligible
74	High	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse
75	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
76	Low	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
77	Low	Negligible	Negligible	Negligible	Negligible	-	-	Negligible	Negligible
78	High	Negligible	Minor Adverse	Negligible	Minor Adverse	-	-	Negligible	Minor Adverse
79	High	Negligible	Minor Adverse	Negligible	Minor Adverse	-	-	Negligible	Minor Adverse
80	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
81	High	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse
82	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
83	Medium	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse	Negligible	Minor Adverse

Table 13A3.6: AADT Severance - Significance of Effects

Scenario Dft Counts Growthed to 2024
Scenario Dft Counts Growthed to 2024 + Development
Time Period AADT < Select time period here

Total Vehicles

Total Vehicles (Hourly)

Link Ref.	Sensitivity	4 v 5	Dft Counts Growthed to 2024	Dft Counts Growthed to 2024 + Development	Net Change	% Change	Mag. Impact	Significance
1	Negligible	-	1,802	1,950	148	8.2%	Negligible	Negligible
2	Negligible	-	1,802	1,812	10	0.6%	Negligible	Negligible
3	Negligible	-	1,579	1,589	10	0.6%	Negligible	Negligible
4	Medium	-	1,579	1,589	10	0.6%	Negligible	Minor Adverse
5	High	-	286	286	0	0.0%	-	-
6	High	-	286	286	0	0.0%	-	-
7	Medium	-	5,301	5,449	148	2.8%	Negligible	Minor Adverse
8	Low	-	24,781	24,897	116	0.5%	Negligible	Negligible
9	Medium	-	23,288	23,488	201	0.9%	Negligible	Minor Adverse
10	Negligible	-	1,447	1,519	72	5.0%	Negligible	Negligible
11	Medium	-	1,447	1,447	0	0.0%	-	-
12	Low	-	23,565	23,782	217	0.9%	Negligible	Negligible
13	Medium	-	1,664	1,674	10	0.6%	Negligible	Minor Adverse
14	Medium	-	160	170	10	6.3%	Negligible	Minor Adverse
15	Medium	-	10,989	11,009	20	0.2%	Negligible	Minor Adverse
16	High	-	7,897	7,897	0	0.0%	-	-
17	Negligible	-	53,061	53,118	57	0.1%	Negligible	Negligible
18	Negligible	-	54,360	54,413	53	0.1%	Negligible	Negligible
19	Negligible	-	74,975	75,023	48	0.1%	Negligible	Negligible
20	Negligible	-	87,531	87,642	111	0.1%	Negligible	Negligible
21	Negligible	-	81,213	81,335	122	0.2%	Negligible	Negligible
22	Negligible	-	66,283	66,291	8	0.0%	Negligible	Negligible
23	Negligible	-	11,474	11,484	10	0.1%	Negligible	Negligible
24	Negligible	-	10,862	10,873	10	0.1%	Negligible	Negligible
25	Medium	-	9,642	9,642	0	0.0%	-	-
26	Medium	-	6,974	6,985	10	0.1%	Negligible	Minor Adverse
27	Negligible	-	7,630	7,708	78	1.0%	Negligible	Negligible
28	High	-	7,630	7,641	10	0.1%	Negligible	Minor Adverse
29	Low	-	24,565	24,774	210	0.9%	Negligible	Negligible
30	High	-	4,905	4,998	94	1.9%	Negligible	Minor Adverse
31	Negligible	-	6,149	6,165	17	0.3%	Negligible	Negligible
32	Low	-	5,234	5,335	101	1.9%	Negligible	Negligible
33	Low	-	5,234	5,351	118	2.3%	Negligible	Negligible
34	Medium	-	973	1,166	193	19.8%	Negligible	Minor Adverse
35	Low	-	6,288	6,455	167	2.7%	Negligible	Negligible
36	Low	-	6,280	6,447	167	2.7%	Negligible	Negligible
37	High	-	22,357	22,483	126	0.6%	Negligible	Minor Adverse
38	Medium	-	14,983	15,109	126	0.8%	Negligible	Minor Adverse
39	Medium	-	16,025	16,229	204	1.3%	Negligible	Minor Adverse
40	Low	-	20,801	21,005	204	1.0%	Negligible	Negligible
41	Low	-	19,557	19,762	204	1.0%	Negligible	Negligible
42	Low	-	29,224	29,460	237	0.8%	Negligible	Negligible
43	High	-	9,868	9,879	11	0.1%	Negligible	Minor Adverse
44	Low	-	1,874	1,882	8	0.4%	Negligible	Negligible
45	Negligible	-	1,871	1,879	8	0.4%	Negligible	Negligible
46	Medium	-	3,122	3,131	9	0.3%	Negligible	Minor Adverse
47	Medium	-	3,496	3,497	1	0.0%	Negligible	Minor Adverse
48	Medium	-	3,496	3,504	8	0.2%	Negligible	Minor Adverse
49	Medium	-	6,688	6,692	4	0.1%	Negligible	Minor Adverse
50	Medium	-	8,326	8,330	4	0.0%	Negligible	Minor Adverse
51	Low	-	5,749	5,753	4	0.1%	Negligible	Negligible
52	Medium	-	5,846	5,850	4	0.1%	Negligible	Minor Adverse
53	Low	-	51,238	51,361	123	0.2%	Negligible	Negligible
54	Low	-	53,797	53,985	189	0.4%	Negligible	Negligible
55	Low	-	53,113	53,220	107	0.2%	Negligible	Negligible
56	Low	-	58,259	58,326	67	0.1%	Negligible	Negligible
57	Medium	-	67,179	67,246	67	0.1%	Negligible	Minor Adverse
58	Medium	-	99,435	99,805	370	0.4%	Negligible	Minor Adverse
59	Medium	-	17,838	17,919	81	0.5%	Negligible	Minor Adverse
60	Medium	-	5,592	5,672	81	1.4%	Negligible	Minor Adverse
61	Negligible	-	7,042	7,180	138	2.0%	Negligible	Negligible
62	Low	-	7,042	7,062	20	0.3%	Negligible	Negligible
63	Low	-	13,559	13,645	86	0.6%	Negligible	Negligible
64	Negligible	-	11,172	11,258	86	0.8%	Negligible	Negligible
65	Negligible	-	11,172	11,258	86	0.8%	Negligible	Negligible
66	Negligible	-	12,937	13,051	114	0.9%	Negligible	Negligible
67	Low	-	12,937	13,093	156	1.2%	Negligible	Negligible
68	Low	-	12,316	12,472	156	1.3%	Negligible	Negligible
69	Low	-	12,917	13,073	156	1.2%	Negligible	Negligible
70	Low	-	5,506	5,506	0	0.0%	-	-
71	High	-	4,470	4,470	0	0.0%	-	-
72	Medium	-	6,118	6,118	0	0.0%	-	-
73	Low	-	1,548	1,548	0	0.0%	-	-
74	High	-	2,934	3,047	113	3.9%	Negligible	Minor Adverse
75	Negligible	-	1,818	1,931	113	6.2%	Negligible	Negligible
76	Low	-	1,818	1,868	50	2.8%	Negligible	Negligible
77	Low	-	1,818	1,819	1	0.1%	Negligible	Negligible
78	High	-	653	654	1	0.2%	Negligible	Minor Adverse
79	High	-	653	654	1	0.2%	Negligible	Minor Adverse
80	Negligible	-	957	1,028	71	7.4%	Negligible	Negligible
81	High	-	1,434	1,506	71	5.0%	Negligible	Minor Adverse
82	Negligible	-	53,113	53,235	122	0.2%	Negligible	Negligible
83	Medium	-	6,118	6,168	50	0.8%	Negligible	Minor Adverse

Table 13A3.6: AADT Severance - Significance of Effects

Scenario Dft Counts Growthed to 2024
Scenario Dft Counts Growthed to 2024 + Development
Time Period AADT

HGVs Total Vehicles (Hourly)

Link Ref.	Sensitivity	4 v 5	Dft Counts Growthed to 2024	Dft Counts Growthed to 2024 + Development	Net Change	% Change	Mag. Impact	Significance
1	Negligible	-	365	380	15	4.1%	Negligible	Negligible
2	Negligible	-	365	365	0	0.0%	-	-
3	Negligible	-	286	286	0	0.0%	-	-
4	Medium	-	286	286	0	0.0%	-	-
5	High	-	47	47	0	0.0%	-	-
6	High	-	47	47	0	0.0%	-	-
7	Medium	-	623	638	15	2.4%	Negligible	Minor Adverse
8	Low	-	4,962	5,017	55	1.1%	Negligible	Negligible
9	Medium	-	5,589	5,641	53	0.9%	Negligible	Minor Adverse
10	Negligible	-	173	191	18	10.4%	Negligible	Negligible
11	Medium	-	173	173	0	0.0%	-	-
12	Low	-	3,147	3,190	44	1.4%	Negligible	Negligible
13	Medium	-	132	132	0	0.0%	-	-
14	Medium	-	44	44	0	0.0%	-	-
15	Medium	-	2,471	2,471	0	0.0%	-	-
16	High	-	1,227	1,227	0	0.0%	-	-
17	Negligible	-	11,828	11,863	35	0.3%	Negligible	Negligible
18	Negligible	-	10,880	10,915	35	0.3%	Negligible	Negligible
19	Negligible	-	11,505	11,540	35	0.3%	Negligible	Negligible
20	Negligible	-	11,325	11,414	88	0.8%	Negligible	Negligible
21	Negligible	-	10,851	10,885	33	0.3%	Negligible	Negligible
22	Negligible	-	9,116	9,116	0	0.0%	-	-
23	Negligible	-	3,697	3,697	0	0.0%	-	-
24	Negligible	-	2,275	2,275	0	0.0%	-	-
25	Medium	-	1,757	1,757	0	0.0%	-	-
26	Medium	-	1,091	1,091	0	0.0%	-	-
27	Negligible	-	1,633	1,651	18	1.1%	Negligible	Negligible
28	High	-	1,633	1,633	0	0.0%	-	-
29	Low	-	3,403	3,421	18	0.5%	Negligible	Negligible
30	High	-	569	569	0	0.0%	-	-
31	Negligible	-	1,150	1,150	0	0.0%	-	-
32	Low	-	727	727	0	0.0%	-	-
33	Low	-	727	737	10	1.4%	Negligible	Negligible
34	Medium	-	117	152	34	29.0%	Negligible	Minor Adverse
35	Low	-	513	557	44	8.6%	Negligible	Negligible
36	Low	-	722	766	44	6.1%	Negligible	Negligible
37	High	-	1,364	1,398	33	2.4%	Negligible	Minor Adverse
38	Medium	-	2,678	2,712	33	1.2%	Negligible	Minor Adverse
39	Medium	-	2,293	2,327	33	1.4%	Negligible	Minor Adverse
40	Low	-	1,450	1,483	33	2.3%	Negligible	Negligible
41	Low	-	3,063	3,097	33	1.1%	Negligible	Negligible
42	Low	-	1,496	1,530	33	2.2%	Negligible	Negligible
43	High	-	996	996	0	0.0%	-	-
44	Low	-	225	225	0	0.0%	-	-
45	Negligible	-	276	276	0	0.0%	-	-
46	Medium	-	412	412	0	0.0%	-	-
47	Medium	-	376	376	0	0.0%	-	-
48	Medium	-	376	377	1	0.3%	Negligible	Minor Adverse
49	Medium	-	1,166	1,166	0	0.0%	-	-
50	Medium	-	956	956	0	0.0%	-	-
51	Low	-	828	829	1	0.1%	Negligible	Negligible
52	Medium	-	759	759	1	0.1%	Negligible	Minor Adverse
53	Low	-	2,632	2,682	50	1.9%	Negligible	Negligible
54	Low	-	3,220	3,252	32	1.0%	Negligible	Negligible
55	Low	-	3,693	3,725	32	0.9%	Negligible	Negligible
56	Low	-	3,993	4,025	32	0.8%	Negligible	Negligible
57	Medium	-	4,128	4,160	32	0.8%	Negligible	Minor Adverse
58	Medium	-	5,737	5,787	50	0.9%	Negligible	Minor Adverse
59	Medium	-	817	835	18	2.2%	Negligible	Minor Adverse
60	Medium	-	966	984	18	1.9%	Negligible	Minor Adverse
61	Negligible	-	1,193	1,211	19	1.6%	Negligible	Negligible
62	Low	-	1,193	1,193	0	0.0%	-	-
63	Low	-	638	656	18	2.8%	Negligible	Negligible
64	Negligible	-	1,633	1,651	18	1.1%	Negligible	Negligible
65	Negligible	-	1,633	1,651	18	1.1%	Negligible	Negligible
66	Negligible	-	1,862	1,880	18	1.0%	Negligible	Negligible
67	Low	-	1,862	1,880	18	1.0%	Negligible	Negligible
68	Low	-	1,632	1,650	18	1.1%	Negligible	Negligible
69	Low	-	2,433	2,451	18	0.7%	Negligible	Negligible
70	Low	-	734	734	0	0.0%	-	-
71	High	-	1,951	1,951	0	0.0%	-	-
72	Medium	-	856	856	0	0.0%	-	-
73	Low	-	234	234	0	0.0%	-	-
74	High	-	403	433	30	7.4%	Negligible	Minor Adverse
75	Negligible	-	254	284	30	11.8%	Negligible	Negligible
76	Low	-	254	276	22	8.7%	Negligible	Negligible
77	Low	-	254	254	0	0.0%	-	-
78	High	-	83	83	0	0.0%	-	-
79	High	-	83	83	0	0.0%	-	-
80	Negligible	-	136	143	7	5.2%	Negligible	Negligible
81	High	-	148	155	7	4.7%	Negligible	Minor Adverse
82	Negligible	-	3,693	3,736	43	1.2%	Negligible	Negligible
83	Medium	-	856	878	22	2.6%	Negligible	Minor Adverse

Table 13A3.7: AADT Amenity - Significance of Effects

Scenario Dft Counts Growthed to 2024
Scenario Dft Counts Growthed to 2024 + Development
Time Period AADT < Select time period here

Total Vehicles

Total Vehicles (Hourly)

Link Ref.	Sensitivity	4 v 5	Dft Counts Growthed to 2024	Dft Counts Growthed to 2024 + Development	Net Change	% Change	Mag. Impact	Significance
1	Negligible	-	1,802	1,950	148	8.2%	Negligible	Negligible
2	Negligible	-	1,802	1,812	10	0.6%	Negligible	Negligible
3	Negligible	-	1,579	1,589	10	0.6%	Negligible	Negligible
4	Medium	-	1,579	1,589	10	0.6%	Negligible	Minor Adverse
5	High	-	286	286	0	0.0%	-	-
6	High	-	286	286	0	0.0%	-	-
7	Medium	-	5,301	5,449	148	2.8%	Negligible	Minor Adverse
8	Low	-	24,781	24,897	116	0.5%	Negligible	Negligible
9	Medium	-	23,288	23,488	201	0.9%	Negligible	Minor Adverse
10	Negligible	-	1,447	1,519	72	5.0%	Negligible	Negligible
11	Medium	-	1,447	1,447	0	0.0%	-	-
12	Low	-	23,565	23,782	217	0.9%	Negligible	Negligible
13	Medium	-	1,664	1,674	10	0.6%	Negligible	Minor Adverse
14	Medium	-	160	170	10	6.3%	Negligible	Minor Adverse
15	Medium	-	10,989	11,009	20	0.2%	Negligible	Minor Adverse
16	High	-	7,897	7,897	0	0.0%	-	-
17	Negligible	-	53,061	53,118	57	0.1%	Negligible	Negligible
18	Negligible	-	54,360	54,413	53	0.1%	Negligible	Negligible
19	Negligible	-	74,975	75,023	48	0.1%	Negligible	Negligible
20	Negligible	-	87,531	87,642	111	0.1%	Negligible	Negligible
21	Negligible	-	81,213	81,335	122	0.2%	Negligible	Negligible
22	Negligible	-	66,283	66,291	8	0.0%	Negligible	Negligible
23	Negligible	-	11,474	11,484	10	0.1%	Negligible	Negligible
24	Negligible	-	10,862	10,873	10	0.1%	Negligible	Negligible
25	Medium	-	9,642	9,642	0	0.0%	-	-
26	Medium	-	6,974	6,985	10	0.1%	Negligible	Minor Adverse
27	Negligible	-	7,630	7,708	78	1.0%	Negligible	Negligible
28	High	-	7,630	7,641	10	0.1%	Negligible	Minor Adverse
29	Low	-	24,565	24,774	210	0.9%	Negligible	Negligible
30	High	-	4,905	4,998	94	1.9%	Negligible	Minor Adverse
31	Negligible	-	6,149	6,165	17	0.3%	Negligible	Negligible
32	Low	-	5,234	5,335	101	1.9%	Negligible	Negligible
33	Low	-	5,234	5,351	118	2.3%	Negligible	Negligible
34	Medium	-	973	1,166	193	19.8%	Negligible	Minor Adverse
35	Low	-	6,288	6,455	167	2.7%	Negligible	Negligible
36	Low	-	6,280	6,447	167	2.7%	Negligible	Negligible
37	High	-	22,357	22,483	126	0.6%	Negligible	Minor Adverse
38	Medium	-	14,983	15,109	126	0.8%	Negligible	Minor Adverse
39	Medium	-	16,025	16,229	204	1.3%	Negligible	Minor Adverse
40	Low	-	20,801	21,005	204	1.0%	Negligible	Negligible
41	Low	-	19,557	19,762	204	1.0%	Negligible	Negligible
42	Low	-	29,224	29,460	237	0.8%	Negligible	Negligible
43	High	-	9,868	9,879	11	0.1%	Negligible	Minor Adverse
44	Low	-	1,874	1,882	8	0.4%	Negligible	Negligible
45	Negligible	-	1,871	1,879	8	0.4%	Negligible	Negligible
46	Medium	-	3,122	3,131	9	0.3%	Negligible	Minor Adverse
47	Medium	-	3,496	3,497	1	0.0%	Negligible	Minor Adverse
48	Medium	-	3,496	3,504	8	0.2%	Negligible	Minor Adverse
49	Medium	-	6,688	6,692	4	0.1%	Negligible	Minor Adverse
50	Medium	-	8,326	8,330	4	0.0%	Negligible	Minor Adverse
51	Low	-	5,749	5,753	4	0.1%	Negligible	Negligible
52	Medium	-	5,846	5,850	4	0.1%	Negligible	Minor Adverse
53	Low	-	51,238	51,361	123	0.2%	Negligible	Negligible
54	Low	-	53,797	53,985	189	0.4%	Negligible	Negligible
55	Low	-	53,113	53,220	107	0.2%	Negligible	Negligible
56	Low	-	58,259	58,326	67	0.1%	Negligible	Negligible
57	Medium	-	67,179	67,246	67	0.1%	Negligible	Minor Adverse
58	Medium	-	99,435	99,805	370	0.4%	Negligible	Minor Adverse
59	Medium	-	17,838	17,919	81	0.5%	Negligible	Minor Adverse
60	Medium	-	5,592	5,672	81	1.4%	Negligible	Minor Adverse
61	Negligible	-	7,042	7,180	138	2.0%	Negligible	Negligible
62	Low	-	7,042	7,062	20	0.3%	Negligible	Negligible
63	Low	-	13,559	13,645	86	0.6%	Negligible	Negligible
64	Negligible	-	11,172	11,258	86	0.8%	Negligible	Negligible
65	Negligible	-	11,172	11,258	86	0.8%	Negligible	Negligible
66	Negligible	-	12,937	13,051	114	0.9%	Negligible	Negligible
67	Low	-	12,937	13,093	156	1.2%	Negligible	Negligible
68	Low	-	12,316	12,472	156	1.3%	Negligible	Negligible
69	Low	-	12,917	13,073	156	1.2%	Negligible	Negligible
70	Low	-	5,506	5,506	0	0.0%	-	-
71	High	-	4,470	4,470	0	0.0%	-	-
72	Medium	-	6,118	6,118	0	0.0%	-	-
73	Low	-	1,548	1,548	0	0.0%	-	-
74	High	-	2,934	3,047	113	3.9%	Negligible	Minor Adverse
75	Negligible	-	1,818	1,931	113	6.2%	Negligible	Negligible
76	Low	-	1,818	1,868	50	2.8%	Negligible	Negligible
77	Low	-	1,818	1,819	1	0.1%	Negligible	Negligible
78	High	-	653	654	1	0.2%	Negligible	Minor Adverse
79	High	-	653	654	1	0.2%	Negligible	Minor Adverse
80	Negligible	-	957	1,028	71	7.4%	Negligible	Negligible
81	High	-	1,434	1,506	71	5.0%	Negligible	Minor Adverse
82	Negligible	-	53,113	53,235	122	0.2%	Negligible	Negligible
83	Medium	-	6,118	6,168	50	0.8%	Negligible	Minor Adverse

Table 13A3.7: AADT Amenity - Significance of Effects

Scenario Dft Counts Growthed to 2024
Scenario Dft Counts Growthed to 2024 + Development
Time Period AADT

HGVs Total Vehicles (Hourly)

Link Ref.	Sensitivity	4 v 5	Dft Counts Growthed to 2024	Dft Counts Growthed to 2024 + Development	Net Change	% Change	Mag. Impact	Significance
1	Negligible	-	365	380	15	4.1%	Negligible	Negligible
2	Negligible	-	365	365	0	0.0%	-	-
3	Negligible	-	286	286	0	0.0%	-	-
4	Medium	-	286	286	0	0.0%	-	-
5	High	-	47	47	0	0.0%	-	-
6	High	-	47	47	0	0.0%	-	-
7	Medium	-	623	638	15	2.4%	Negligible	Minor Adverse
8	Low	-	4,962	5,017	55	1.1%	Negligible	Negligible
9	Medium	-	5,589	5,641	53	0.9%	Negligible	Minor Adverse
10	Negligible	-	173	191	18	10.4%	Negligible	Negligible
11	Medium	-	173	173	0	0.0%	-	-
12	Low	-	3,147	3,190	44	1.4%	Negligible	Negligible
13	Medium	-	132	132	0	0.0%	-	-
14	Medium	-	44	44	0	0.0%	-	-
15	Medium	-	2,471	2,471	0	0.0%	-	-
16	High	-	1,227	1,227	0	0.0%	-	-
17	Negligible	-	11,828	11,863	35	0.3%	Negligible	Negligible
18	Negligible	-	10,880	10,915	35	0.3%	Negligible	Negligible
19	Negligible	-	11,505	11,540	35	0.3%	Negligible	Negligible
20	Negligible	-	11,325	11,414	88	0.8%	Negligible	Negligible
21	Negligible	-	10,851	10,885	33	0.3%	Negligible	Negligible
22	Negligible	-	9,116	9,116	0	0.0%	-	-
23	Negligible	-	3,697	3,697	0	0.0%	-	-
24	Negligible	-	2,275	2,275	0	0.0%	-	-
25	Medium	-	1,757	1,757	0	0.0%	-	-
26	Medium	-	1,091	1,091	0	0.0%	-	-
27	Negligible	-	1,633	1,651	18	1.1%	Negligible	Negligible
28	High	-	1,633	1,633	0	0.0%	-	-
29	Low	-	3,403	3,421	18	0.5%	Negligible	Negligible
30	High	-	569	569	0	0.0%	-	-
31	Negligible	-	1,150	1,150	0	0.0%	-	-
32	Low	-	727	727	0	0.0%	-	-
33	Low	-	727	737	10	1.4%	Negligible	Negligible
34	Medium	-	117	152	34	29.0%	Negligible	Minor Adverse
35	Low	-	513	557	44	8.6%	Negligible	Negligible
36	Low	-	722	766	44	6.1%	Negligible	Negligible
37	High	-	1,364	1,398	33	2.4%	Negligible	Minor Adverse
38	Medium	-	2,678	2,712	33	1.2%	Negligible	Minor Adverse
39	Medium	-	2,293	2,327	33	1.4%	Negligible	Minor Adverse
40	Low	-	1,450	1,483	33	2.3%	Negligible	Negligible
41	Low	-	3,063	3,097	33	1.1%	Negligible	Negligible
42	Low	-	1,496	1,530	33	2.2%	Negligible	Negligible
43	High	-	996	996	0	0.0%	-	-
44	Low	-	225	225	0	0.0%	-	-
45	Negligible	-	276	276	0	0.0%	-	-
46	Medium	-	412	412	0	0.0%	-	-
47	Medium	-	376	376	0	0.0%	-	-
48	Medium	-	376	377	1	0.3%	Negligible	Minor Adverse
49	Medium	-	1,166	1,166	0	0.0%	-	-
50	Medium	-	956	956	0	0.0%	-	-
51	Low	-	828	829	1	0.1%	Negligible	Negligible
52	Medium	-	759	759	1	0.1%	Negligible	Minor Adverse
53	Low	-	2,632	2,682	50	1.9%	Negligible	Negligible
54	Low	-	3,220	3,252	32	1.0%	Negligible	Negligible
55	Low	-	3,693	3,725	32	0.9%	Negligible	Negligible
56	Low	-	3,993	4,025	32	0.8%	Negligible	Negligible
57	Medium	-	4,128	4,160	32	0.8%	Negligible	Minor Adverse
58	Medium	-	5,737	5,787	50	0.9%	Negligible	Minor Adverse
59	Medium	-	817	835	18	2.2%	Negligible	Minor Adverse
60	Medium	-	966	984	18	1.9%	Negligible	Minor Adverse
61	Negligible	-	1,193	1,211	19	1.6%	Negligible	Negligible
62	Low	-	1,193	1,193	0	0.0%	-	-
63	Low	-	638	656	18	2.8%	Negligible	Negligible
64	Negligible	-	1,633	1,651	18	1.1%	Negligible	Negligible
65	Negligible	-	1,633	1,651	18	1.1%	Negligible	Negligible
66	Negligible	-	1,862	1,880	18	1.0%	Negligible	Negligible
67	Low	-	1,862	1,880	18	1.0%	Negligible	Negligible
68	Low	-	1,632	1,650	18	1.1%	Negligible	Negligible
69	Low	-	2,433	2,451	18	0.7%	Negligible	Negligible
70	Low	-	734	734	0	0.0%	-	-
71	High	-	1,951	1,951	0	0.0%	-	-
72	Medium	-	856	856	0	0.0%	-	-
73	Low	-	234	234	0	0.0%	-	-
74	High	-	403	433	30	7.4%	Negligible	Minor Adverse
75	Negligible	-	254	284	30	11.8%	Negligible	Negligible
76	Low	-	254	276	22	8.7%	Negligible	Negligible
77	Low	-	254	254	0	0.0%	-	-
78	High	-	83	83	0	0.0%	-	-
79	High	-	83	83	0	0.0%	-	-
80	Negligible	-	136	143	7	5.2%	Negligible	Negligible
81	High	-	148	155	7	4.7%	Negligible	Minor Adverse
82	Negligible	-	3,693	3,736	43	1.2%	Negligible	Negligible
83	Medium	-	856	878	22	2.6%	Negligible	Minor Adverse

Table 13A3.8: AADT Pedestrian Delay - Significance of Effects

Scenario: Dft Counts Growthed to 2024
Scenario: Dft Counts Growthed to 2024 + Development
Time Period: AADT < Select time period here
Hours: 24

Total Vehicles

Link Ref.	Sensitivity	4 v 5	Total Vehicles (Hourly) Dft Counts Growthed to 2024	Dft Counts Growthed to 2024 + Development	Net Change (Volume)	Scenario 1: Ped. Delay (Seconds)	Scenario 2: Ped. Delay (Seconds)	Ped. Delay Change (Seconds)	Mag. Impact	Significance
1	Negligible	-	75	81	6	1.29	1.29	0.00	Negligible	Negligible
2	Negligible	-	75	75	0	1.29	1.29	0.00	-	-
3	Negligible	-	66	66	0	1.28	1.28	0.00	-	-
4	Medium	-	66	66	0	1.28	1.28	0.00	-	-
5	High	-	12	12	0	1.26	1.26	0.00	-	-
6	High	-	12	12	0	1.26	1.26	0.00	-	-
7	Medium	-	221	227	6	1.48	1.49	0.01	Negligible	Minor Adverse
8	Low	-	1,033	1,037	5	6.10	6.15	0.05	Negligible	Negligible
9	Medium	-	970	979	8	5.53	5.61	0.07	Negligible	Minor Adverse
10	Negligible	-	60	63	3	1.28	1.28	0.00	Negligible	Negligible
11	Medium	-	60	60	0	1.28	1.28	0.00	-	-
12	Low	-	982	991	9	5.64	5.72	0.08	Negligible	Negligible
13	Medium	-	69	70	0	1.28	1.28	0.00	-	-
14	Medium	-	7	7	0	1.26	1.26	0.00	-	-
15	Medium	-	458	459	1	2.21	2.22	0.00	Negligible	Minor Adverse
16	High	-	329	329	0	1.75	1.75	0.00	-	-
17	Negligible	-	2,211	2,213	2	23.45	23.50	0.05	Negligible	Negligible
18	Negligible	-	2,265	2,267	2	24.55	24.60	0.05	Negligible	Negligible
19	Negligible	-	3,124	3,126	2	45.57	45.62	0.06	Negligible	Negligible
20	Negligible	-	3,647	3,652	5	61.65	61.80	0.15	Negligible	Negligible
21	Negligible	-	3,384	3,389	5	53.25	53.40	0.16	Negligible	Negligible
22	Negligible	-	2,762	2,762	0	35.89	35.90	0.01	-	-
23	Negligible	-	478	479	0	2.30	2.30	0.00	-	-
24	Negligible	-	453	453	0	2.19	2.19	0.00	-	-
25	Medium	-	402	402	0	1.99	1.99	0.00	-	-
26	Medium	-	291	291	0	1.64	1.64	0.00	-	-
27	Negligible	-	318	321	3	1.72	1.73	0.01	Negligible	Negligible
28	High	-	318	318	0	1.72	1.72	0.00	-	-
29	Low	-	1,024	1,032	9	6.02	6.10	0.08	Negligible	Negligible
30	High	-	204	208	4	1.45	1.46	0.01	Negligible	Minor Adverse
31	Negligible	-	256	257	1	1.56	1.56	0.00	Negligible	Negligible
32	Low	-	218	222	4	1.48	1.48	0.01	Negligible	Negligible
33	Low	-	218	223	5	1.48	1.49	0.01	Negligible	Negligible
34	Medium	-	41	49	8	1.27	1.27	0.00	Negligible	Minor Adverse
35	Low	-	262	269	7	1.57	1.59	0.02	Negligible	Negligible
36	Low	-	262	269	7	1.57	1.59	0.02	Negligible	Negligible
37	High	-	932	937	5	5.20	5.24	0.04	Negligible	Minor Adverse
38	Medium	-	624	630	5	3.03	3.06	0.03	Negligible	Minor Adverse
39	Medium	-	668	676	9	3.28	3.34	0.05	Negligible	Minor Adverse
40	Low	-	867	875	9	4.67	4.74	0.07	Negligible	Negligible
41	Low	-	815	823	9	4.27	4.34	0.06	Negligible	Negligible
42	Low	-	1,218	1,228	10	7.99	8.10	0.11	Negligible	Negligible
43	High	-	411	412	0	2.03	2.03	0.00	-	-
44	Low	-	78	78	0	1.29	1.29	0.00	-	-
45	Negligible	-	78	78	0	1.29	1.29	0.00	-	-
46	Medium	-	130	130	0	1.34	1.34	0.00	-	-
47	Medium	-	146	146	0	1.36	1.36	0.00	-	-
48	Medium	-	146	146	0	1.36	1.36	0.00	-	-
49	Medium	-	279	279	0	1.61	1.61	0.00	-	-
50	Medium	-	347	347	0	1.81	1.81	0.00	-	-
51	Low	-	240	240	0	1.52	1.52	0.00	-	-
52	Medium	-	244	244	0	1.53	1.53	0.00	-	-
53	Low	-	2,135	2,140	5	21.95	22.05	0.10	Negligible	Negligible
54	Low	-	2,242	2,249	8	24.07	24.23	0.16	Negligible	Negligible
55	Low	-	2,213	2,217	4	23.49	23.58	0.09	Negligible	Negligible
56	Low	-	2,427	2,430	3	28.01	28.07	0.06	Negligible	Negligible
57	Medium	-	2,799	2,802	3	36.83	36.90	0.07	Negligible	Minor Adverse
58	Medium	-	4,143	4,159	15	79.19	79.77	0.58	Negligible	Minor Adverse
59	Medium	-	743	747	3	3.77	3.79	0.02	Negligible	Minor Adverse
60	Medium	-	233	236	3	1.51	1.51	0.01	Negligible	Minor Adverse
61	Negligible	-	293	299	6	1.65	1.67	0.02	Negligible	Negligible
62	Low	-	293	294	1	1.65	1.65	0.00	Negligible	Negligible
63	Low	-	565	569	4	2.71	2.73	0.02	Negligible	Negligible
64	Negligible	-	465	469	4	2.24	2.26	0.02	Negligible	Negligible
65	Negligible	-	465	469	4	2.24	2.26	0.02	Negligible	Negligible
66	Negligible	-	539	544	5	2.58	2.60	0.02	Negligible	Negligible
67	Low	-	539	546	7	2.58	2.61	0.03	Negligible	Negligible
68	Low	-	513	520	7	2.46	2.49	0.03	Negligible	Negligible
69	Low	-	538	545	6	2.58	2.61	0.03	Negligible	Negligible
70	Low	-	229	229	0	1.50	1.50	0.00	-	-
71	High	-	186	186	0	1.42	1.42	0.00	-	-
72	Medium	-	255	255	0	1.56	1.56	0.00	-	-
73	Low	-	64	64	0	1.28	1.28	0.00	-	-
74	High	-	122	127	5	1.33	1.33	0.01	Negligible	Minor Adverse
75	Negligible	-	76	80	5	1.29	1.29	0.00	Negligible	Negligible
76	Low	-	76	78	2	1.29	1.29	0.00	Negligible	Negligible
77	Low	-	76	76	0	1.29	1.29	0.00	-	-
78	High	-	27	27	0	1.26	1.26	0.00	-	-
79	High	-	27	27	0	1.26	1.26	0.00	-	-
80	Negligible	-	40	43	3	1.27	1.27	0.00	Negligible	Negligible
81	High	-	60	63	3	1.28	1.28	0.00	Negligible	Minor Adverse
82	Negligible	-	2,213	2,218	5	23.49	23.60	0.10	Negligible	Negligible
83	Medium	-	255	257	2	1.56	1.56	0.00	Negligible	Minor Adverse

Table 13A3.8: AADT Pedestrian Delay - Significance of Effects

Scenario Dft Counts Growthed to 2024
Scenario Dft Counts Growthed to 2024 + Development
Time Period AADT
Hours 24

HGVs

Link Ref.	Sensitivity	4 v 5	Total Vehicles (Hourly) Dft Counts Growthed to 2024	Dft Counts Growthed to 2024 + Development	Net Change (Volume)	Scenario 1: Ped. Delay (Seconds)	Scenario 2: Ped. Delay (Seconds)	Ped. Delay Change (Seconds)	Mag. Impact	Significance
1	Negligible	-	15	16	1	1.26	1.26	0.00	Negligible	Negligible
2	Negligible	-	15	15	0	1.26	1.26	0.00	-	-
3	Negligible	-	12	12	0	1.26	1.26	0.00	-	-
4	Medium	-	12	12	0	1.26	1.26	0.00	-	-
5	High	-	2	2	0	1.26	1.26	0.00	-	-
6	High	-	2	2	0	1.26	1.26	0.00	-	-
7	Medium	-	26	27	1	1.26	1.26	0.00	Negligible	Minor Adverse
8	Low	-	207	209	2	1.45	1.46	0.00	Negligible	Negligible
9	Medium	-	233	235	2	1.51	1.51	0.00	Negligible	Minor Adverse
10	Negligible	-	7	8	1	1.26	1.26	0.00	Negligible	Negligible
11	Medium	-	7	7	0	1.26	1.26	0.00	-	-
12	Low	-	131	133	2	1.34	1.34	0.00	Negligible	Negligible
13	Medium	-	5	5	0	1.26	1.26	0.00	-	-
14	Medium	-	2	2	0	1.26	1.26	0.00	-	-
15	Medium	-	103	103	0	1.31	1.31	0.00	-	-
16	High	-	51	51	0	1.27	1.27	0.00	-	-
17	Negligible	-	493	494	1	2.36	2.37	0.01	Negligible	Negligible
18	Negligible	-	453	455	1	2.19	2.20	0.01	Negligible	Negligible
19	Negligible	-	479	481	1	2.30	2.31	0.01	Negligible	Negligible
20	Negligible	-	472	476	4	2.27	2.29	0.02	Negligible	Negligible
21	Negligible	-	452	454	1	2.19	2.19	0.01	Negligible	Negligible
22	Negligible	-	380	380	0	1.92	1.92	0.00	-	-
23	Negligible	-	154	154	0	1.37	1.37	0.00	-	-
24	Negligible	-	95	95	0	1.30	1.30	0.00	-	-
25	Medium	-	73	73	0	1.28	1.28	0.00	-	-
26	Medium	-	45	45	0	1.27	1.27	0.00	-	-
27	Negligible	-	68	69	1	1.28	1.28	0.00	Negligible	Negligible
28	High	-	68	68	0	1.28	1.28	0.00	-	-
29	Low	-	142	143	1	1.35	1.35	0.00	Negligible	Negligible
30	High	-	24	24	0	1.26	1.26	0.00	-	-
31	Negligible	-	48	48	0	1.27	1.27	0.00	-	-
32	Low	-	30	30	0	1.26	1.26	0.00	-	-
33	Low	-	30	31	0	1.26	1.26	0.00	-	-
34	Medium	-	5	6	1	1.26	1.26	0.00	Negligible	Minor Adverse
35	Low	-	21	23	2	1.26	1.26	0.00	Negligible	Negligible
36	Low	-	30	32	2	1.26	1.26	0.00	Negligible	Negligible
37	High	-	57	58	1	1.27	1.28	0.00	Negligible	Minor Adverse
38	Medium	-	112	113	1	1.32	1.32	0.00	Negligible	Minor Adverse
39	Medium	-	96	97	1	1.30	1.30	0.00	Negligible	Minor Adverse
40	Low	-	60	62	1	1.28	1.28	0.00	Negligible	Negligible
41	Low	-	128	129	1	1.33	1.34	0.00	Negligible	Negligible
42	Low	-	62	64	1	1.28	1.28	0.00	Negligible	Negligible
43	High	-	42	42	0	1.27	1.27	0.00	-	-
44	Low	-	9	9	0	1.26	1.26	0.00	-	-
45	Negligible	-	12	12	0	1.26	1.26	0.00	-	-
46	Medium	-	17	17	0	1.26	1.26	0.00	-	-
47	Medium	-	16	16	0	1.26	1.26	0.00	-	-
48	Medium	-	16	16	0	1.26	1.26	0.00	-	-
49	Medium	-	49	49	0	1.27	1.27	0.00	-	-
50	Medium	-	40	40	0	1.27	1.27	0.00	-	-
51	Low	-	35	35	0	1.27	1.27	0.00	-	-
52	Medium	-	32	32	0	1.26	1.26	0.00	-	-
53	Low	-	110	112	2	1.31	1.32	0.00	Negligible	Negligible
54	Low	-	134	136	1	1.34	1.34	0.00	Negligible	Negligible
55	Low	-	154	155	1	1.37	1.37	0.00	Negligible	Negligible
56	Low	-	166	168	1	1.39	1.39	0.00	Negligible	Negligible
57	Medium	-	172	173	1	1.39	1.40	0.00	Negligible	Minor Adverse
58	Medium	-	239	241	2	1.52	1.52	0.00	Negligible	Minor Adverse
59	Medium	-	34	35	1	1.27	1.27	0.00	Negligible	Minor Adverse
60	Medium	-	40	41	1	1.27	1.27	0.00	Negligible	Minor Adverse
61	Negligible	-	50	50	1	1.27	1.27	0.00	Negligible	Negligible
62	Low	-	50	50	0	1.27	1.27	0.00	-	-
63	Low	-	27	27	1	1.26	1.26	0.00	Negligible	Negligible
64	Negligible	-	68	69	1	1.28	1.28	0.00	Negligible	Negligible
65	Negligible	-	68	69	1	1.28	1.28	0.00	Negligible	Negligible
66	Negligible	-	78	78	1	1.29	1.29	0.00	Negligible	Negligible
67	Low	-	78	78	1	1.29	1.29	0.00	Negligible	Negligible
68	Low	-	68	69	1	1.28	1.28	0.00	Negligible	Negligible
69	Low	-	101	102	1	1.31	1.31	0.00	Negligible	Negligible
70	Low	-	31	31	0	1.26	1.26	0.00	-	-
71	High	-	81	81	0	1.29	1.29	0.00	-	-
72	Medium	-	36	36	0	1.27	1.27	0.00	-	-
73	Low	-	10	10	0	1.26	1.26	0.00	-	-
74	High	-	17	18	1	1.26	1.26	0.00	Negligible	Minor Adverse
75	Negligible	-	11	12	1	1.26	1.26	0.00	Negligible	Negligible
76	Low	-	11	11	1	1.26	1.26	0.00	Negligible	Negligible
77	Low	-	11	11	0	1.26	1.26	0.00	-	-
78	High	-	3	3	0	1.26	1.26	0.00	-	-
79	High	-	3	3	0	1.26	1.26	0.00	-	-
80	Negligible	-	6	6	0	1.26	1.26	0.00	-	-
81	High	-	6	6	0	1.26	1.26	0.00	-	-
82	Negligible	-	154	156	2	1.37	1.37	0.00	Negligible	Negligible
83	Medium	-	36	37	1	1.27	1.27	0.00	Negligible	Minor Adverse

Table 13A3.9: AADT Fear and Intimidation - Significance of Effects

Scenario	Dft Counts Growthed to 2024	
Scenario	Dft Counts Growthed to 2024 + Development	
Time Period	AADT	< Select time period here
Hours	24	<- for total vehicles only

			Total Vehicles (Hourly)	(A)	HGVs	(B)	Avg. Veh. Speed	(C)	(A+B+C)	
Link Ref.	**Sensitivity**	**4 v 5**	**Dft Counts Growthed to 2024**	**Score**	**Dft Counts Growthed to 2024**	**Score**	**Dft Counts Growthed to 2024**	**Score**	**Total Score**	**Level**
1	Negligible	-	75	0	365	0	42	30	30	1
2	Negligible	-	75	0	365	0	42	30	30	1
3	Negligible	-	66	0	286	0	49	30	30	1
4	Medium	-	66	0	286	0	49	30	30	1
5	High	-	12	0	47	0	34	20	20	1
6	High	-	12	0	47	0	34	20	20	1
7	Medium	-	221	0	623	0	53	30	30	1
8	Low	-	1,033	10	4,962	30	43	30	70	3
9	Medium	-	970	10	5,589	30	53	30	70	3
10	Negligible	-	60	0	173	0	49	30	30	1
11	Medium	-	60	0	173	0	49	30	30	1
12	Low	-	982	10	3,147	30	28	10	50	2
13	Medium	-	69	0	132	0	29	10	10	0
14	Medium	-	7	0	44	0	39	20	20	1
15	Medium	-	458	0	2,471	20	49	30	50	2
16	High	-	329	0	1,227	10	45	30	40	2
17	Negligible	-	2,211	30	11,828	30	70	30	90	3
18	Negligible	-	2,265	30	10,880	30	70	30	90	3
19	Negligible	-	3,124	30	11,505	30	70	30	90	3
20	Negligible	-	3,647	30	11,325	30	70	30	90	3
21	Negligible	-	3,384	30	10,851	30	70	30	90	3
22	Negligible	-	2,762	30	9,116	30	70	30	90	3
23	Negligible	-	478	0	3,697	30	54	30	60	2
24	Negligible	-	453	0	2,275	20	40	30	50	2
25	Medium	-	402	0	1,757	10	37	20	30	1
26	Medium	-	291	0	1,091	10	46	30	40	2
27	Negligible	-	318	0	1,633	10	45	30	40	2
28	High	-	318	0	1,633	10	45	30	40	2
29	Low	-	1,024	10	3,403	30	29	10	50	2
30	High	-	204	0	569	0	28	10	10	0
31	Negligible	-	256	0	1,150	10	51	30	40	2
32	Low	-	218	0	727	0	38	20	20	1
33	Low	-	218	0	727	0	38	20	20	1
34	Medium	-	41	0	117	0	41	30	30	1
35	Low	-	262	0	513	0	40	30	30	1
36	Low	-	262	0	722	0	60	30	30	1
37	High	-	932	10	1,364	10	60	30	50	2
38	Medium	-	624	10	2,678	20	42	30	60	2
39	Medium	-	668	10	2,293	20	41	30	60	2
40	Low	-	867	10	1,450	10	49	30	50	2
41	Low	-	815	10	3,063	30	60	30	70	3
42	Low	-	1,218	20	1,496	10	60	30	60	2
43	High	-	411	0	996	0	27	10	10	0
44	Low	-	78	0	225	0	38	20	20	1
45	Negligible	-	78	0	276	0	46	30	30	1
46	Medium	-	130	0	412	0	41	30	30	1
47	Medium	-	146	0	376	0	46	30	30	1
48	Medium	-	146	0	376	0	46	30	30	1
49	Medium	-	279	0	1,166	10	41	30	40	2
50	Medium	-	347	0	956	0	29	10	10	0
51	Low	-	240	0	828	0	31	20	20	1
52	Medium	-	244	0	759	0	29	10	10	0
53	Low	-	2,135	30	2,632	20	70	30	80	3
54	Low	-	2,242	30	3,220	30	70	30	90	3
55	Low	-	2,213	30	3,693	30	70	30	90	3
56	Low	-	2,427	30	3,993	30	70	30	90	3
57	Medium	-	2,799	30	4,128	30	70	30	90	3
58	Medium	-	4,143	30	5,737	30	70	30	90	3
59	Medium	-	743	10	817	0	40	30	40	2
60	Medium	-	233	0	966	0	40	20	20	1
61	Negligible	-	293	0	1,193	10	54	30	40	2
62	Low	-	293	0	1,193	10	54	30	40	2
63	Low	-	565	0	638	0	60	30	30	1
64	Negligible	-	465	0	1,633	10	55	30	40	2
65	Negligible	-	465	0	1,633	10	55	30	40	2
66	Negligible	-	539	0	1,862	10	53	30	40	2
67	Low	-	539	0	1,862	10	53	30	40	2
68	Low	-	513	0	1,632	10	45	30	40	2
69	Low	-	538	0	2,433	20	42	30	50	2
70	Low	-	229	0	734	0	33	20	20	1
71	High	-	186	0	1,951	10	47	30	40	2
72	Medium	-	255	0	856	0	40	20	20	1
73	Low	-	64	0	234	0	38	20	20	1
74	High	-	122	0	403	0	55	30	30	1
75	Negligible	-	76	0	254	0	49	30	30	1
76	Low	-	76	0	254	0	49	30	30	1
77	Low	-	76	0	254	0	49	30	30	1
78	High	-	27	0	83	0	34	20	20	1
79	High	-	27	0	83	0	34	20	20	1
80	Negligible	-	40	0	136	0	37	20	20	1
81	High	-	60	0	148	0	24	10	10	0
82	Negligible	-	2,213	30	3,693	30	70	30	90	3
83	Medium	-	255	0	856	0	40	20	20	1

Table 13A3.9: AADT Fear and Intimidation - Significance of Effects

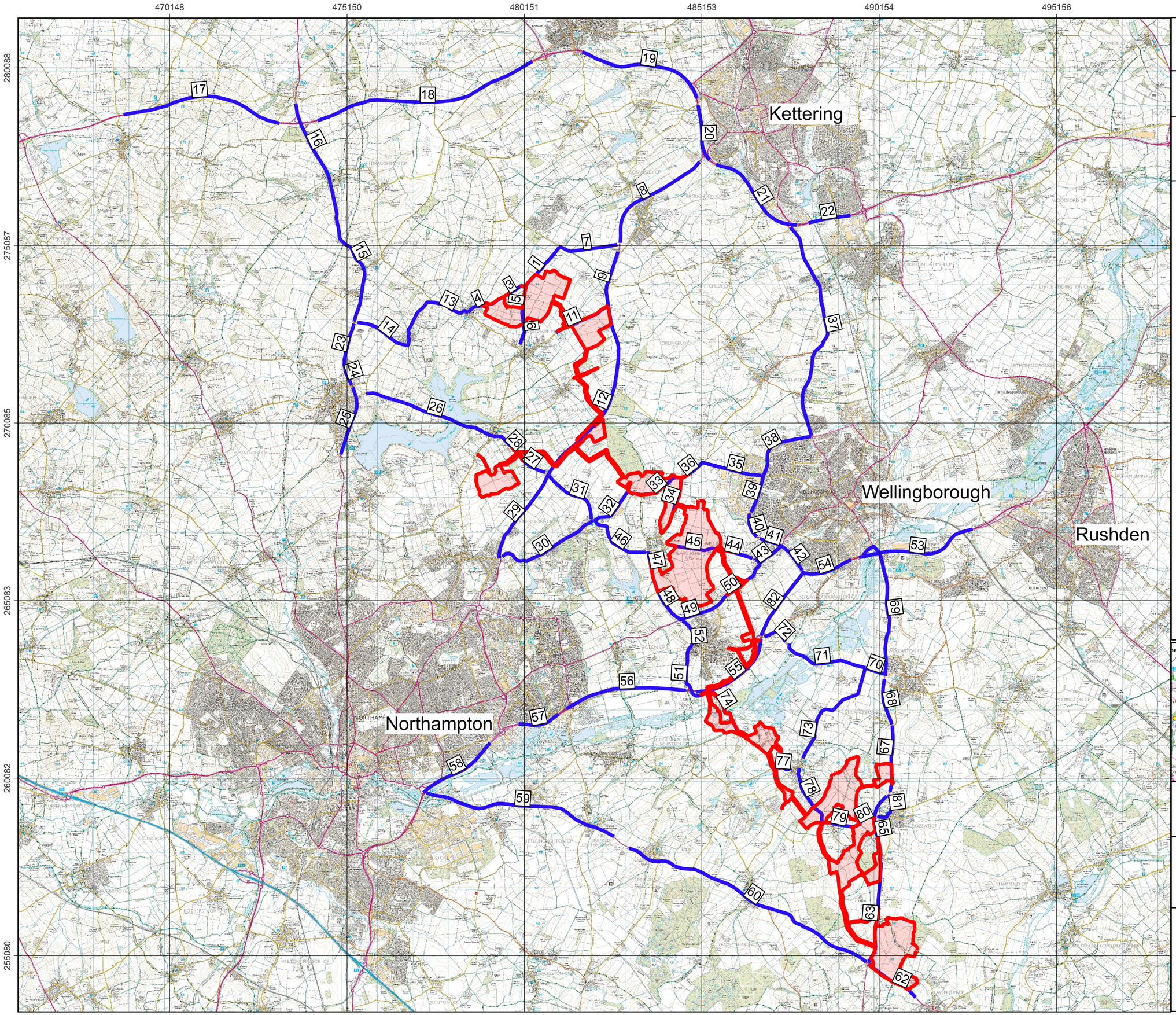
Scenario Dft Counts Growthed to 2024
Scenario Dft Counts Growthed to 2024 + Development
Time Period AADT
Hours 24 <- for total vehicles only

			Total Vehicles (Hourly)	(A)	HGVs	(B)	Avg. Veh. Speed	(C)	(A+B+C)	
Link Ref.	Sensitivity	4 v 5	Dft Counts Growthed to 2024 + Development	Score	Dft Counts Growthed to 2024 + Development	Score	Dft Counts Growthed to 2024 + Development	Score	Total Score	Level
1	Negligible	-	81	0	380	0	42	30	30	1
2	Negligible	-	75	0	365	0	42	30	30	1
3	Negligible	-	66	0	286	0	49	30	30	1
4	Medium	-	66	0	286	0	49	30	30	1
5	High	-	12	0	47	0	34	20	20	1
6	High	-	12	0	47	0	34	20	20	1
7	Medium	-	227	0	638	0	53	30	30	1
8	Low	-	1,037	10	5,017	30	43	30	70	3
9	Medium	-	979	10	5,641	30	53	30	70	3
10	Negligible	-	63	0	191	0	49	30	30	1
11	Medium	-	60	0	173	0	49	30	30	1
12	Low	-	991	10	3,190	30	28	10	50	2
13	Medium	-	70	0	132	0	29	10	10	0
14	Medium	-	7	0	44	0	39	20	20	1
15	Medium	-	459	0	2,471	20	49	30	50	2
16	High	-	329	0	1,227	10	45	30	40	2
17	Negligible	-	2,213	30	11,863	30	70	30	90	3
18	Negligible	-	2,267	30	10,915	30	70	30	90	3
19	Negligible	-	3,126	30	11,540	30	70	30	90	3
20	Negligible	-	3,652	30	11,414	30	70	30	90	3
21	Negligible	-	3,389	30	10,885	30	70	30	90	3
22	Negligible	-	2,762	30	9,116	30	70	30	90	3
23	Negligible	-	479	0	3,697	30	54	30	60	2
24	Negligible	-	453	0	2,275	20	40	30	50	2
25	Medium	-	402	0	1,757	10	37	20	30	1
26	Medium	-	291	0	1,091	10	46	30	40	2
27	Negligible	-	321	0	1,651	10	45	30	40	2
28	High	-	318	0	1,633	10	45	30	40	2
29	Low	-	1,032	10	3,421	30	29	10	50	2
30	High	-	208	0	569	0	28	10	10	0
31	Negligible	-	257	0	1,150	10	51	30	40	2
32	Low	-	222	0	727	0	38	20	20	1
33	Low	-	223	0	737	0	38	20	20	1
34	Medium	-	49	0	152	0	41	30	30	1
35	Low	-	269	0	557	0	40	30	30	1
36	Low	-	269	0	766	0	60	30	30	1
37	High	-	937	10	1,398	10	60	30	50	2
38	Medium	-	630	10	2,712	20	42	30	60	2
39	Medium	-	676	10	2,327	20	41	30	60	2
40	Low	-	875	10	1,483	10	49	30	50	2
41	Low	-	823	10	3,097	30	60	30	70	3
42	Low	-	1,228	20	1,530	10	60	30	60	2
43	High	-	412	0	996	0	27	10	10	0
44	Low	-	78	0	225	0	38	20	20	1
45	Negligible	-	78	0	276	0	46	30	30	1
46	Medium	-	130	0	412	0	41	30	30	1
47	Medium	-	146	0	376	0	46	30	30	1
48	Medium	-	146	0	377	0	46	30	30	1
49	Medium	-	279	0	1,166	10	41	30	40	2
50	Medium	-	347	0	956	0	29	10	10	0
51	Low	-	240	0	829	0	31	20	20	1
52	Medium	-	244	0	759	0	29	10	10	0
53	Low	-	2,140	30	2,682	20	70	30	80	3
54	Low	-	2,249	30	3,252	30	70	30	90	3
55	Low	-	2,217	30	3,725	30	70	30	90	3
56	Low	-	2,430	30	4,025	30	70	30	90	3
57	Medium	-	2,802	30	4,160	30	70	30	90	3
58	Medium	-	4,159	30	5,787	30	70	30	90	3
59	Medium	-	747	10	835	0	40	30	40	2
60	Medium	-	236	0	984	0	40	20	20	1
61	Negligible	-	299	0	1,211	10	54	30	40	2
62	Low	-	294	0	1,193	10	54	30	40	2
63	Low	-	569	0	656	0	60	30	30	1
64	Negligible	-	469	0	1,651	10	55	30	40	2
65	Negligible	-	469	0	1,651	10	55	30	40	2
66	Negligible	-	544	0	1,880	10	53	30	40	2
67	Low	-	546	0	1,880	10	53	30	40	2
68	Low	-	520	0	1,650	10	45	30	40	2
69	Low	-	545	0	2,451	20	42	30	50	2
70	Low	-	229	0	734	0	33	20	20	1
71	High	-	186	0	1,951	10	47	30	40	2
72	Medium	-	255	0	856	0	40	20	20	1
73	Low	-	64	0	234	0	38	20	20	1
74	High	-	127	0	433	0	55	30	30	1
75	Negligible	-	80	0	284	0	49	30	30	1
76	Low	-	78	0	276	0	49	30	30	1
77	Low	-	76	0	254	0	49	30	30	1
78	High	-	27	0	83	0	34	20	20	1
79	High	-	27	0	83	0	34	20	20	1
80	Negligible	-	43	0	143	0	37	20	20	1
81	High	-	63	0	155	0	24	10	10	0
82	Negligible	-	2,218	30	3,736	30	70	30	90	3
83	Medium	-	257	0	878	0	40	20	20	1

Table 13A3.9: AADT Fear and Intimidation

Scenario Dft Counts Growthed to 2024
Scenario Dft Counts Growthed to 2024 + Development

Link Ref.	Sensitivity	Total Vehicles: NET	HDVS: NET	Step Changes	Magnitude of Impact	Significance
1	Negligible	6	15	0	Negligible	Negligible
2	Negligible	0	0	0	Negligible	Negligible
3	Negligible	0	0	0	Negligible	Negligible
4	Medium	0	0	0	Negligible	Minor Adverse
5	High	0	0	0	Negligible	Minor Adverse
6	High	0	0	0	Negligible	Minor Adverse
7	Medium	6	15	0	Negligible	Minor Adverse
8	Low	5	55	0	Negligible	Negligible
9	Medium	8	53	0	Negligible	Minor Adverse
10	Negligible	3	18	0	Negligible	Negligible
11	Medium	0	0	0	Negligible	Minor Adverse
12	Low	9	44	0	Negligible	Negligible
13	Medium	0	0	0	Negligible	Minor Adverse
14	Medium	0	0	0	Negligible	Minor Adverse
15	Medium	1	0	0	Negligible	Minor Adverse
16	High	0	0	0	Negligible	Minor Adverse
17	Negligible	2	35	0	Negligible	Negligible
18	Negligible	2	35	0	Negligible	Negligible
19	Negligible	2	35	0	Negligible	Negligible
20	Negligible	5	88	0	Negligible	Negligible
21	Negligible	5	33	0	Negligible	Negligible
22	Negligible	0	0	0	Negligible	Negligible
23	Negligible	0	0	0	Negligible	Negligible
24	Negligible	0	0	0	Negligible	Negligible
25	Medium	0	0	0	Negligible	Minor Adverse
26	Medium	0	0	0	Negligible	Minor Adverse
27	Negligible	3	18	0	Negligible	Negligible
28	High	0	0	0	Negligible	Minor Adverse
29	Low	9	18	0	Negligible	Negligible
30	High	4	0	0	Negligible	Minor Adverse
31	Negligible	1	0	0	Negligible	Negligible
32	Low	4	0	0	Negligible	Negligible
33	Low	5	10	0	Negligible	Negligible
34	Medium	8	34	0	Negligible	Minor Adverse
35	Low	7	44	0	Negligible	Negligible
36	Low	7	44	0	Negligible	Negligible
37	High	5	33	0	Negligible	Minor Adverse
38	Medium	5	33	0	Negligible	Minor Adverse
39	Medium	9	33	0	Negligible	Minor Adverse
40	Low	9	33	0	Negligible	Negligible
41	Low	9	33	0	Negligible	Negligible
42	Low	10	33	0	Negligible	Negligible
43	High	0	0	0	Negligible	Minor Adverse
44	Low	0	0	0	Negligible	Negligible
45	Negligible	0	0	0	Negligible	Negligible
46	Medium	0	0	0	Negligible	Minor Adverse
47	Medium	0	0	0	Negligible	Minor Adverse
48	Medium	0	1	0	Negligible	Minor Adverse
49	Medium	0	0	0	Negligible	Minor Adverse
50	Medium	0	0	0	Negligible	Minor Adverse
51	Low	0	1	0	Negligible	Negligible
52	Medium	0	1	0	Negligible	Minor Adverse
53	Low	5	50	0	Negligible	Negligible
54	Low	8	32	0	Negligible	Negligible
55	Low	4	32	0	Negligible	Negligible
56	Low	3	32	0	Negligible	Negligible
57	Medium	3	32	0	Negligible	Minor Adverse
58	Medium	15	50	0	Negligible	Minor Adverse
59	Medium	3	18	0	Negligible	Minor Adverse
60	Medium	3	18	0	Negligible	Minor Adverse
61	Negligible	6	19	0	Negligible	Negligible
62	Low	1	0	0	Negligible	Negligible
63	Low	4	18	0	Negligible	Negligible
64	Negligible	4	18	0	Negligible	Negligible
65	Negligible	4	18	0	Negligible	Negligible
66	Negligible	5	18	0	Negligible	Negligible
67	Low	7	18	0	Negligible	Negligible
68	Low	7	18	0	Negligible	Negligible
69	Low	6	18	0	Negligible	Negligible
70	Low	0	0	0	Negligible	Negligible
71	High	0	0	0	Negligible	Minor Adverse
72	Medium	0	0	0	Negligible	Minor Adverse
73	Low	0	0	0	Negligible	Negligible
74	High	5	30	0	Negligible	Minor Adverse
75	Negligible	5	30	0	Negligible	Negligible
76	Low	2	22	0	Negligible	Negligible
77	Low	0	0	0	Negligible	Negligible
78	High	0	0	0	Negligible	Minor Adverse
79	High	0	0	0	Negligible	Minor Adverse
80	Negligible	3	7	0	Negligible	Negligible
81	High	3	7	0	Negligible	Minor Adverse
82	Negligible	5	43	0	Negligible	Negligible
83	Medium	2	22	0	Negligible	Minor Adverse



GREEN HILL SOLAR FARM

Title:

Figure 13A1.1: Transport Links

Document:

Volume 2
Transport and Access - Appendix 1
Environmental Statement (ES)

Legend:

- Order Limits
- ES Flow Links

Data: IGP, 2024 **Base Maps:** © Crown copyright and database rights 2023 Ordnance Survey 0100031673

APFP Regulation: 5(2)(a)

Application Doc no.: EN010170/APP/GH6.3.13.1

Drawing no.: N/A

Co-ordinate system: OSGB36 / British National Grid

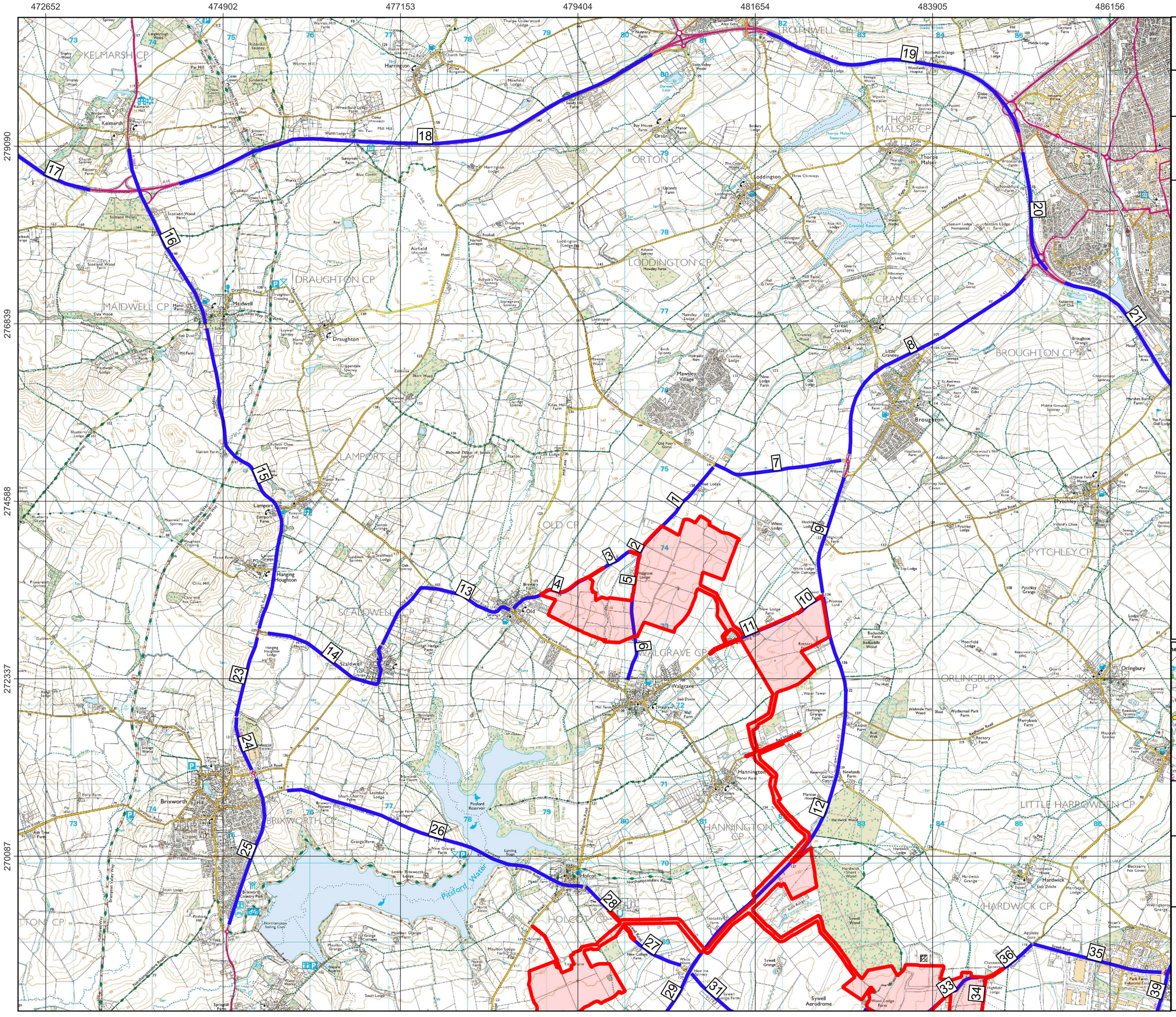
Scale: 1:100000 @ A3

0 2.5 5 km

N W E S

Island GREEN POWER

kmc transport planning



GREEN HILL SOLAR FARM

Title:

Figure 13A1.2: Transport Links

Document:

Volume 2
Transport and Access
Environmental Statement (ES)

Legend:

- Order Limits
- ES Flow Links

Data: IGP, 2024 **Base Maps:** © Crown copyright and database rights 2023 Ordnance Survey 0100031673

APFP Regulation: 5(2)(a)

Application Doc no.: EN010170/APP/GH6.3.13.1

Drawing no.: N/A

Co-ordinate system: OSGB36 / British National Grid

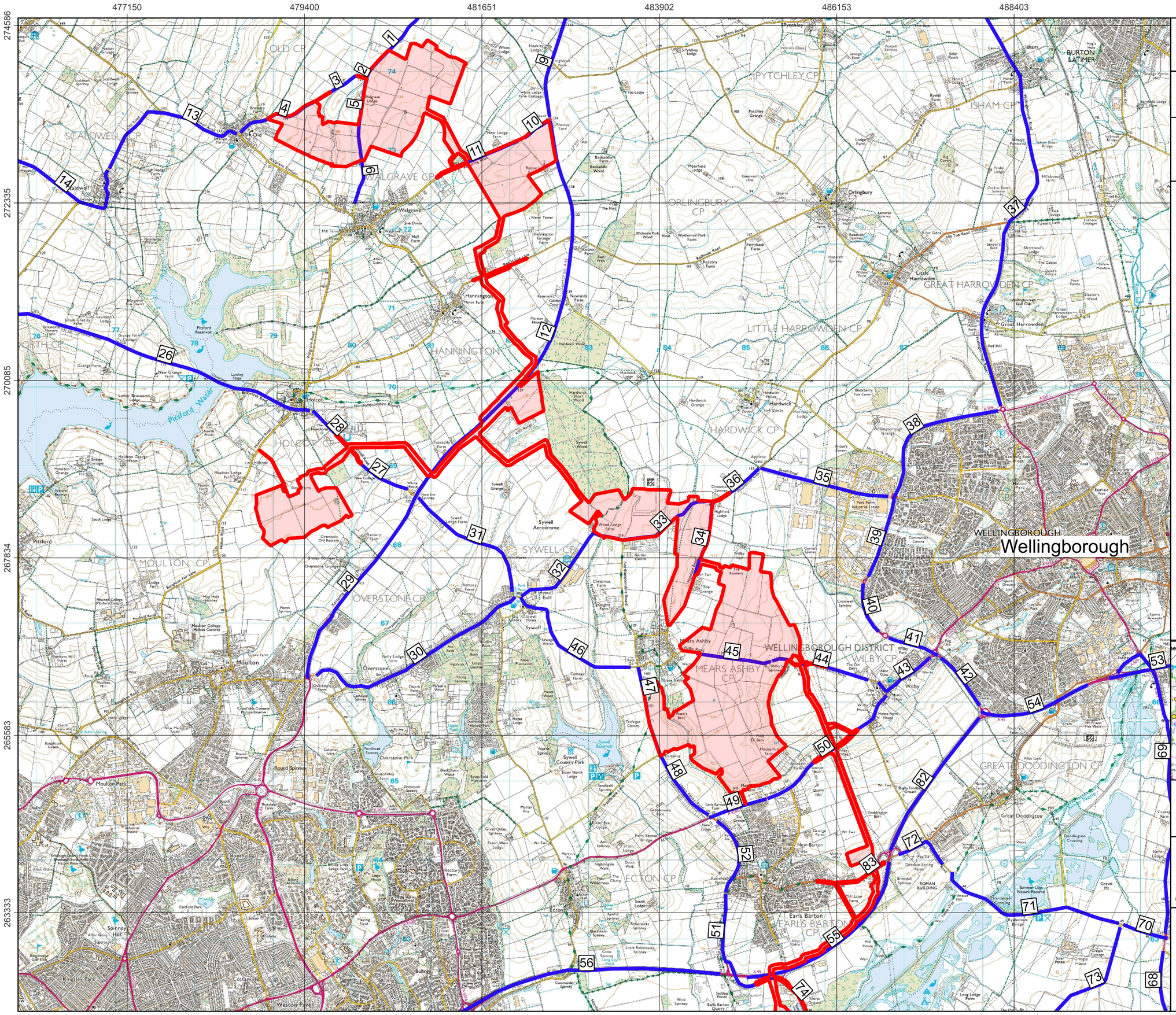
Scale: 1:45000 @ A3

0 1 2 km

N W E S

Island GREEN POWER

kmc transport planning



GREEN HILL SOLAR FARM

Title:

Figure 13A1.3: Transport Links

Document:

Volume 2
Transport and Access
Environmental Statement (ES)

Legend:

- Order Limits
- ES Flow Links

Data: IGP, 2024 **Base Maps:** © Crown copyright and database rights 2023 Ordnance Survey 0100031673

APFP Regulation: 5(2)(a)

Application Doc no.: EN010170/APP/GH6.3.13.1

Drawing no.: N/A

Co-ordinate system: OSGB36 / British National Grid

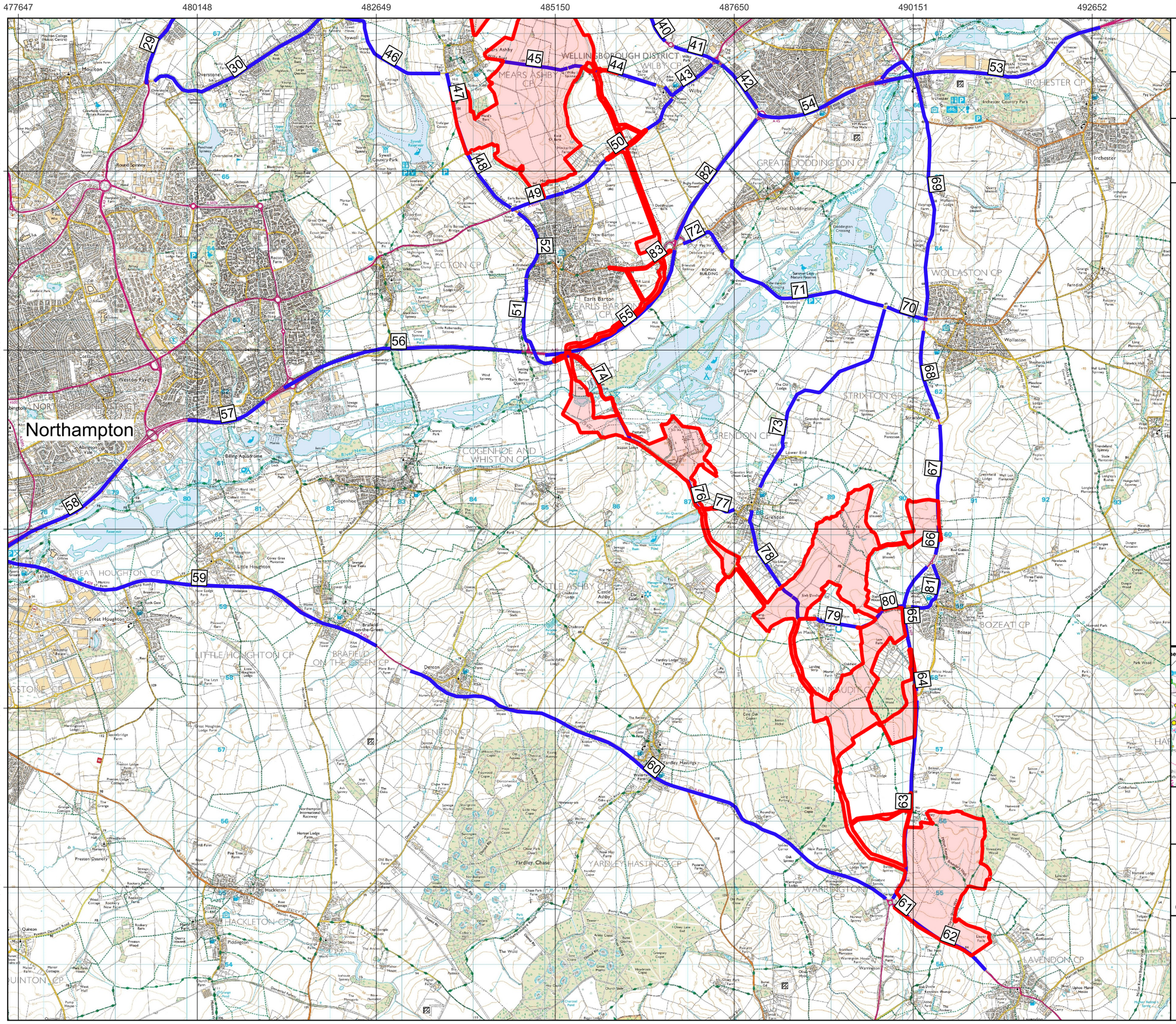
Scale: 1:45000 @ A3

N W E S

0 1 2 km

Island GREEN POWER

kmc transport planning



GREEN HILL SOLAR FARM

Title:

Figure 13A1.4: Transport Links

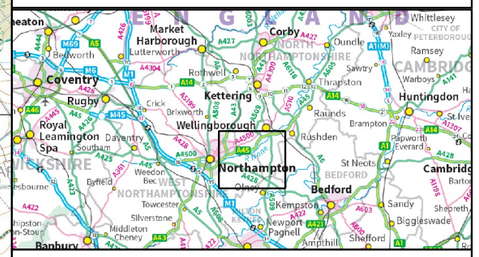
Document:

Volume 2
Transport and Access
Environmental Statement (ES)

Legend:

- Order Limits
- ES Flow Links

Data: IGP, 2024 **Base Maps:** © Crown copyright and database rights 2023 Ordnance Survey 0100031673



APFP Regulation: 5(2)(a)

Application Doc no.: EN010170/APP/GH6.3.13.1

Drawing no.: N/A

Co-ordinate system: OSGB36 / British National Grid

Scale: 1:45000 @ A3

N
W
E
S

0 1 2 km

Island GREEN POWER

kmc transport planning