



# **Norwich Western Link**

## **Environmental Statement**

### **Chapter 6: Air Quality**

#### **Appendix 6.1: Traffic Data**

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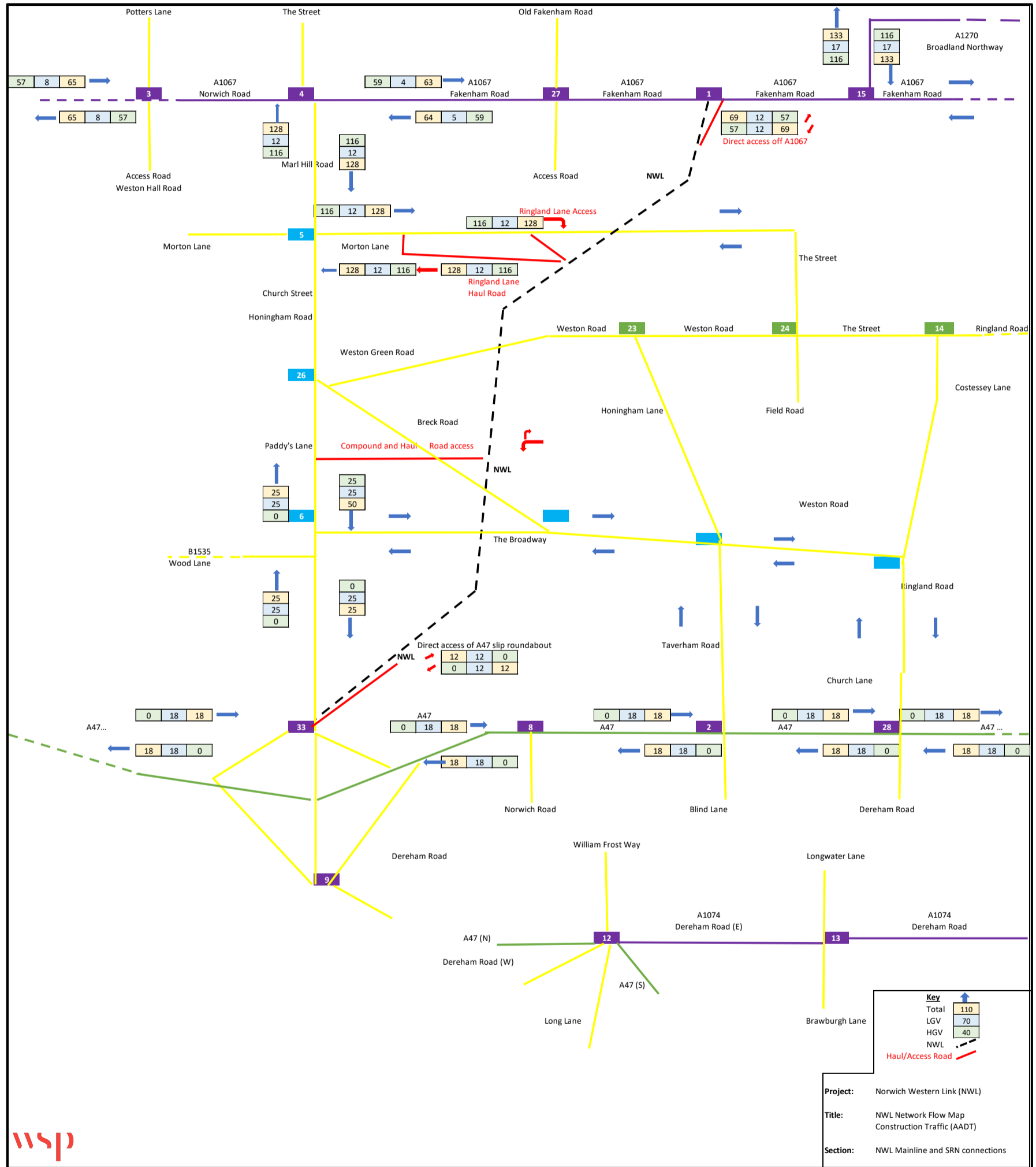
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# 1 Traffic Data

## 1.1 Construction Phase

1.1.1 The figure below shows the predicted distribution of AADT flows in terms of light goods vehicle (LGV), heavy goods vehicles (HGV) and total traffic that would be generated in the peak construction year.

Figure 1-1 – Construction phase traffic



## 1.2 Operational Phase

A table showing the difference in traffic volume and speed along the Proposed Scheme, between 'do minimum' and 'do something' approaches, for the years 2029 and 2044 of operation.

Data shown for 2029 and 2044 are without traffic mitigation and are as used in air quality modelling.

AADT = annual average daily traffic

HDV = heavy duty vehicle (all vehicles >3.5 tonnes gross weight)

DM = do minimum

DS = do something

**Table 1-1 – Operational phase traffic**

AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
10015-2539	611093	311294	611474	311244	Not applicable	Not applicable	Not applicable	998	11.4	87	569	71.69	87	1078	10.7	87	601	13.1	87
10015-2540	611474	311244	611053	311309	Not applicable	Not applicable	Not applicable	1123	10.2	76	1004	103.41	76	1216	9.4	76	1227	9	76
10050-2533	609889	311957	609720	312171	Not applicable	Not applicable	Not applicable	931	9.7	44	2465	189.81	42	1193	8.3	44	3576	6.4	41
10050-2541	611056	311330	609889	311957	Not applicable	Not applicable	Not applicable	222	21.4	80	958	66.1	79	329	14.9	80	1628	5.3	79
10050-2542	609889	311957	611069	311343	Not applicable	Not applicable	Not applicable	168	24.7	82	599	56.31	82	274	17.3	82	988	7.8	82
10050-2602	609889	311957	610374	311658	Not applicable	Not applicable	Not applicable	540	0.3	38	908	66.28	39	590	0.5	38	960	6.8	39
10051-2590	609635	312394	609659	312247	Not applicable	Not applicable	Not applicable	8877	2.5	32	7356	66.2	33	10706	2.2	32	7590	0.9	31
10051-7717	609635	312394	610230	313787	Not applicable	Not applicable	Not applicable	6019	2.7	56	929	0	58	7506	2.4	55	776	0	58
10051-7721	609635	312394	608780	312600	Not applicable	Not applicable	Not applicable	4299	1.5	84	6470	64.7	83	4421	1.5	84	6880	1	83
10052-7712	611713	311373	612344	312698	Not applicable	Not applicable	Not applicable	2233	0	38	334	0	39	4043	0	37	365	0	39
10053-3006	615362	310741	612110	311156	Not applicable	Not applicable	Not applicable	21572	3.8	107	22277	646.03	106	25482	3.3	105	25967	2.7	105
10055-10054	611465	311346	610019	312086	Not applicable	Not applicable	Not applicable	20381	3.5	107	22308	535.39	106	23546	3	106	26274	2.2	104
10055-8105	610019	312086	609763	312143	Not applicable	Not applicable	Not applicable	2696	2.4	73	6822	68.22	67	3112	2.1	73	9050	1	63
10056-10055	610019	312086	609758	312207	Not applicable	Not applicable	Not applicable	17685	3.6	109	15486	480.07	110	20434	3.1	109	17224	2.8	109
10056-8109	609758	312207	609464	312296	Not applicable	Not applicable	Not applicable	17685	3.6	106	15486	480.07	107	20434	3.1	106	17224	2.8	106

AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
10057-7510	606010	313580	609493	312334	Not applicable	Not applicable	Not applicable	20551	3.6	108	22769	751.38	107	23561	3.2	106	26217	3.1	105
10057-8103	609493	312334	609715	312306	Not applicable	Not applicable	Not applicable	1765	2.7	73	6854	246.74	66	2161	2.2	73	8668	2.9	61
10058-10057	609493	312334	609708	312270	Not applicable	Not applicable	Not applicable	18786	3.7	109	15914	509.25	110	21400	3.3	108	17549	3.2	109
10059-10058	609708	312270	610036	312128	Not applicable	Not applicable	Not applicable	18786	3.7	106	15914	509.25	106	21400	3.3	105	17549	3.2	105
10059-7991	610036	312128	611458	311372	Not applicable	Not applicable	Not applicable	21536	3.7	106	22463	628.96	106	24322	3.4	105	26590	2.5	103
10059-8101	609779	312303	610036	312128	Not applicable	Not applicable	Not applicable	2749	4.1	74	6548	111.32	70	2922	3.8	73	9039	1.3	66
10060-10052	611739	311295	611713	311373	Not applicable	Not applicable	Not applicable	2233	0	43	334	0	43	4043	0	44	365	0	43
10061-10060	611739	311295	611783	311279	Not applicable	Not applicable	Not applicable	2005	6	40	1612	80.6	40	3098	4.6	40	1943	5.6	40
10062-10061	611783	311279	611773	311256	Not applicable	Not applicable	Not applicable	2005	6	37	1612	80.6	35	3098	4.6	36	1943	5.6	35
10062-7990	611773	311256	611964	311212	Not applicable	Not applicable	Not applicable	971	12.1	69	492	68.39	69	1242	11.1	68	470	18.3	68
10063-10062	611773	311256	611747	311257	Not applicable	Not applicable	Not applicable	1034	0.3	37	1120	12.32	37	1855	0.2	36	1473	1.6	37
10064-10060	611719	311270	611739	311295	Not applicable	Not applicable	Not applicable	2688	4.5	36	1697	81.46	36	4721	3	37	2064	5.3	36
10064-10063	611747	311257	611719	311270	Not applicable	Not applicable	Not applicable	1793	6.6	34	536	68.61	35	2828	4.9	34	553	15.5	35
10064-7991	611458	311372	611719	311270	Not applicable	Not applicable	Not applicable	895	0.4	71	1162	12.78	71	1893	0.2	69	1511	1.6	71
10066-10063	611735	311189	611747	311257	Not applicable	Not applicable	Not applicable	2827	4.3	30	1656	81.14	30	4683	3	30	2026	5.4	30
10067-10053	612110	311156	611765	311165	Not applicable	Not applicable	Not applicable	1583	7.6	72	832	99.01	72	2451	5.7	71	952	12	72
10067-10066	611735	311189	611765	311165	Not applicable	Not applicable	Not applicable	1155	1.8	35	1227	29.45	35	1990	1.1	35	1607	2.5	35
10068-10067	611765	311165	611745	311134	Not applicable	Not applicable	Not applicable	2738	5.2	33	2059	127.66	34	4441	3.6	33	2558	6.1	34
10068-2748	611745	311134	613146	310951	Not applicable	Not applicable	Not applicable	1408	2.7	83	2078	54.03	83	2358	1.6	83	2841	2.3	83
10069-10068	611745	311134	611699	311144	Not applicable	Not applicable	Not applicable	2396	5.8	38	1888	122.72	38	3535	4.5	38	2464	5.7	38
10070-10054	611685	311195	611465	311346	Not applicable	Not applicable	Not applicable	393	0.4	73	862	3.45	73	515	0.5	73	1261	0.4	72
10070-10066	611685	311195	611735	311189	Not applicable	Not applicable	Not applicable	1914	7.1	37	643	85.52	37	2963	5.3	37	686	15	37
10070-10069	611699	311144	611685	311195	Not applicable	Not applicable	Not applicable	2307	5.9	34	1505	88.8	36	3478	4.6	34	1947	5.5	36

AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
10071-10015	611614	311179	611474	311244	Not applicable	Not applicable	Not applicable	2121	10.8	80	1573	174.6	80	2294	10	80	1828	10.4	79
10071-10069	611614	311179	611699	311144	Not applicable	Not applicable	Not applicable	2463	11.1	64	1585	206.05	66	2918	10.7	63	1806	13.3	67
10073-7990	611747	311239	611964	311212	Not applicable	Not applicable	Not applicable	20641	3.9	103	21302	617.76	102	22429	3.6	102	25079	2.6	100
10073-7991	611458	311372	611747	311239	Not applicable	Not applicable	Not applicable	20641	3.9	108	21302	617.76	108	22429	3.6	108	25079	2.6	106
10074-10053	612110	311156	611737	311215	Not applicable	Not applicable	Not applicable	19988	3.5	109	21445	536.13	108	23031	3	108	25013	2.3	106
10074-10054	611737	311215	611465	311346	Not applicable	Not applicable	Not applicable	19988	3.5	104	21445	536.13	103	23031	3	103	25013	2.3	101
1152-1151	620092	319642	621118	319437	16	30	33	22	21.1	33	67	3.75	33	11	3.2	32	74	3.6	32
1171-1152	618005	318489	620092	319642	3666	1	63	3359	1.1	64	5584	55.84	62	3887	0.7	63	6168	1	61
1474-1473	620521	309386	620578	309362	27	100	13	26	100	15	27	27	18	26	100	14	26	100	15
1477-1476	619165	309648	619280	309580	134	100	31	132	100	32	133	133	32	129	100	32	132	100	32
1479-1478	618703	309822	618874	309753	127	100	40	128	100	18	129	129	23	128	100	15	128	100	21
1516-1359	620606	310520	620820	310460	2102	2	29	2159	2.1	30	2165	45.47	30	2309	2.2	30	2318	2.2	30
1563-1560	624050	306633	623966	306700	35256	4	36	43927	3.4	37	44063	1454.08	37	50269	3.1	35	50399	3	35
1564-1514	620670	308680	620650	308870	20259	1	39	24417	1.7	39	24437	390.99	39	25267	1.7	40	25444	1.5	40
1607-1602	623803	305616	624698	306790	616	9	38	744	7.5	38	733	54.98	38	1040	5.3	38	1012	5.5	38
1633-1473	620460	309392	620578	309362	27816	3	24	26705	3.5	25	27046	567.97	28	26732	3.3	24	26974	2.1	25
1633-1474	620460	309392	620521	309386	27	100	45	26	100	45	27	27	45	26	100	45	26	100	45
1635-1475	619380	309550	619552	309520	214	100	45	210	100	45	213	213	45	205	100	45	209	100	45
1635-1476	619380	309550	619280	309580	27394	4	26	25991	4.3	29	25440	712.32	29	26260	3.9	30	25769	2.8	29
1636-1476	619000	309700	619280	309580	27260	4	32	25859	3.8	30	25307	582.06	31	26130	3.5	28	25637	2.3	30
1636-1477	619000	309700	619165	309648	134	100	45	132	100	45	133	133	45	129	100	45	132	100	45
1636-1478	619000	309700	618874	309753	24026	5	26	22074	4.8	31	21538	689.22	30	22984	4.4	31	22413	3.1	30
1642-1638	619851	311308	620055	310461	9271	0	39	9561	0.3	39	8967	17.93	39	9972	0.3	39	9285	0.3	39

AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
1680-1679	625118	306184	624952	306277	33707	4	25	39379	3.7	25	39454	1459.8	25	42776	3.6	24	42854	3.5	24
1681-1680	625458	306070	625118	306184	34457	5	28	37408	4.7	28	37592	1766.82	28	40155	4.8	28	40259	4.8	28
1808-1807	628744	308650	628787	308614	13366	3	30	16181	2.3	30	16238	373.47	30	17929	2.1	30	17724	2.1	30
1809-1807	628698	308616	628744	308650	12211	3	27	13709	2.9	27	13709	383.85	27	14545	2.6	27	14456	2.6	27
1953-1952	621438	318168	621636	317371	17831	2	74	21385	1.9	70	20164	383.12	71	21881	2	69	20695	2.3	70
2000-1681	625940	306200	625458	306070	4353	7	51	4527	6.8	50	4528	307.9	50	4664	7.2	49	4725	7.1	50
2026-1478	618505	309881	618874	309753	23899	4	52	22229	4.3	38	21633	584.09	40	23327	3.9	38	22591	2.6	39
2026-1479	618505	309881	618703	309822	127	100	55	128	100	55	129	129	55	127	100	55	128	100	55
2027-2026	618440	310390	618505	309881	877	2	37	870	2	37	877	17.54	37	892	2.1	36	901	2.1	37
2034-2033	617424	310317	617364	310130	7968	2	21	8316	1.9	29	8408	151.34	29	8437	1.9	29	8583	1.9	29
2039-2725	613005	311027	612050	311065	30663	5	59	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
2039-7715	611796	311176	612050	311065	30663	5	77	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
2042-2035	616984	311577	616840	310380	9672	1	27	13974	0.6	25	11107	88.86	28	14916	0.6	23	11353	0.8	27
2042-2041	616984	311577	617180	311650	4887	2	26	6900	1.2	26	5611	84.17	26	7706	1.1	26	5953	1.5	26
2043-2040	617730	312350	618140	311436	1177	0	29	1142	0	29	1094	0	29	1368	0	28	1310	0	29
2043-2041	617730	312350	617180	311650	3916	0	29	5942	0	29	4637	0	29	6923	0	29	5006	0	29
2048-1642	618103	313538	619851	311308	5589	0	47	6743	0.2	47	7078	56.62	47	7709	0.3	46	8199	0.8	46
2048-2047	618103	313538	618051	313561	16942	1	18	18916	1.3	17	19707	315.31	16	20358	1.4	16	21400	1.5	15
2049-2042	616195	312440	616984	311577	5970	0	29	8380	0	29	6717	0	29	8438	0	29	6581	0	29
2096-5094	613106	311065	613144	311045	18721	5	35	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
2098-1952	621010	315190	621636	317371	17425	2	76	20956	2	72	19748	394.96	73	20585	2.1	70	19482	2.4	72
2156-2533	609720	312171	609780	312190	1545	5	17	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
2156-2590	609659	312247	609780	312190	24699	5	57	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
2158-1051	617950	318650	617462	318413	5130	1	36	3879	1.2	36	7180	93.34	35	5080	0.9	36	8256	1.3	34
2280-1952	622151	315138	621636	317371	407	0	48	429	0	48	415	0	48	1296	0	48	1214	0	48
2280-2098	622151	315138	621010	315190	4103	0	45	3817	0	44	3902	0	45	3117	0	45	3184	0	45
2305-2304	617191	309440	617927	309708	2943	5	38	4805	3	38	3999	143.96	39	6654	2.4	38	5340	2.9	39
2351-2350	615609	310754	615715	310653	3921	3	32	2731	4.5	32	3255	120.44	32	2667	4.8	32	3399	3.7	32
2353-1679	624935	306229	624952	306277	10526	4	7	13799	4.2	7	13792	565.47	7	16435	3.8	6	16403	3.7	6
2353-2352	624898	306177	624935	306229	10526	4	80	13799	4.2	80	13792	565.47	80	16435	3.8	80	16403	3.7	80
2355-1680	625155	306268	625118	306184	10760	4	7	12441	4.2	7	12567	515.25	7	13995	4.5	7	14318	4.5	7
2355-2354	625216	306361	625155	306268	10760	4	50	12441	4.2	50	12567	515.25	50	13996	4.5	50	14318	4.5	50
2358-2078	628637	308606	628451	308658	23814	2	45	25904	2.1	45	25901	543.92	45	27620	1.9	45	27520	1.9	45
2358-2357	628765	308567	628637	308606	10092	1	47	10279	0.3	47	10167	30.5	47	10886	0.3	46	10801	0.3	46
2367-2035	616290	310509	616840	310380	27694	5	38	29858	4.5	38	26480	979.76	39	32041	4.1	37	28509	3.5	38
2368-2035	616939	310334	616840	310380	28414	5	36	28625	4.6	31	27994	923.8	32	30101	4.2	30	30046	3.2	31
2369-2033	617352	310137	617364	310130	28414	5	9	28620	4.6	9	27996	923.87	9	30102	4.2	9	30021	3.2	9
2369-2368	617352	310137	616939	310334	28414	5	57	28625	4.6	59	27994	923.8	59	30101	4.2	59	30021	3.2	59
2380-2048	618890	313122	618103	313538	11354	2	43	12174	1.9	42	12628	265.19	41	12650	2	41	13200	1.9	41
2386-1514	620617	309304	620650	308870	23369	2	40	25112	2.3	39	25541	536.36	39	25517	2.4	39	26005	2.1	39
2387-1515	620623	309419	620627	309379	27923	3	30	29882	3.4	28	28470	569.4	29	30327	3.4	27	29044	2.1	28
2389-1516	620604	310499	620606	310520	27923	3	40	29883	3.4	39	28470	569.4	39	30327	3.4	39	29045	2.1	39
2389-2387	620604	310499	620623	309419	27923	3	53	29883	3.4	53	28470	569.4	53	30327	3.4	52	29044	2.1	53
2418-2360	609921	318408	609753	318483	15456	4	43	12714	3.9	43	12234	428.19	43	15719	3.5	43	14278	3	43
2421-2045	616224	314642	616277	314615	14117	2	17	14332	1.5	16	15030	300.6	16	14426	1.5	15	15552	1.8	16
2426-2425	612323	312792	612286	312761	583	0	17	548	0.1	17	543	0	17	543	0.1	17	543	0	17



AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
2437-2436	615668	315305	615774	315271	1631	1	36	14595	0.4	27	14928	59.71	28	14290	0.4	27	14839	0.4	28
2438-2436	615838	315547	615774	315271	9391	0	42	9908	0.6	39	9742	58.45	38	11543	0.6	37	10039	0.6	38
2439-2438	615899	315536	615838	315547	5670	1	36	6228	0.5	34	7352	36.76	33	7206	0.4	33	9300	0.5	30
2443-2442	616095	315871	615935	315949	1337	1	39	1251	1	39	1274	12.74	39	1233	0.9	39	1252	0.9	38
2445-2444	615572	314686	615616	314669	1468	1	26	1792	0.6	26	1800	10.8	27	1763	0.6	26	1777	0.6	27
2456-7715	611796	311176	611851	310341	517	2	45	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
2459-2458	615080	310849	615042	310731	2068	6	39	2047	6.3	38	2070	128.34	38	2145	6.3	38	2179	6.2	38
2493-2442	616031	316419	615935	315949	3757	0	49	2583	0.5	49	6546	58.91	48	3319	0.4	49	7458	1	48
2494-2493	615892	316361	616031	316419	516	2	27	500	2	27	509	9.67	26	508	1.8	27	513	1.8	26
2502-2501	604931	313703	604924	313768	2533	2	42	3949	1.2	50	3610	64.98	52	3643	1.4	51	3279	2	53
2503-2501	602821	313863	604924	313768	2295	1	64	2709	0.9	64	2906	23.25	64	2525	1	64	2756	0.9	64
2516-2533	609720	312171	609636	311188	1069	3	47	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
2518-3619	611108	311310	611335	311201	15632	6	77	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
2523-2515	600866	312991	600760	312891	53	8	44	43	10.7	43	40	4.68	42	56	8.4	41	49	9.6	40
2524-2522	599721	312240	599681	312265	2204	3	28	4096	1.3	28	4851	53.36	28	5106	1.2	28	5819	1.1	28
2525-2524	599681	312265	599730	312305	1391	6	26	1500	5.4	26	1340	80.4	26	1697	5	26	1505	5.6	26
2526-2525	599730	312305	599749	312297	1016	7	20	1100	5.8	20	985	63.04	20	1223	5.3	20	1106	5.8	20
2528-2523	600760	312891	599956	312514	10669	5	108	14957	3.6	108	16612	564.81	108	17961	2.9	108	20014	2.9	107
2528-2526	599956	312514	599749	312297	1735	1	53	3415	0.7	52	4299	25.79	51	4320	0.6	51	5384	0.6	49
2528-2527	599956	312514	599501	312343	8933	6	106	11542	4.4	106	12313	541.77	106	13641	3.6	106	14630	3.8	105
2530-2506	599302	312406	599387	312545	5318	3	32	6856	2.4	34	7085	155.87	35	8063	2.2	36	8260	2.1	37
2530-2529	599246	312226	599302	312406	539	5	50	551	4.6	48	497	25.35	47	612	4.6	46	540	5.1	45
2531-2529	599246	312226	599614	312425	9302	6	105	11802	5.1	103	12457	610.39	102	13347	4.6	101	14339	4.5	100

AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
2531-2530	599302	312406	599614	312425	1877	1	61	4244	2.1	56	5352	112.39	52	5564	1.6	51	6514	1.8	46
2533-2602	610374	311658	609720	312171	476	8	37	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
2539-2518	611108	311310	611093	311294	Not applicable	Not applicable	Not applicable	1112	11	27	1058	93.1	27	1271	9.8	27	1396	8.1	27
2540-2517	611053	311309	610857	311382	5228	5	41	2254	7.5	48	2424	128.47	48	2510	6.7	48	3147	4.8	48
2540-2539	611093	311294	611053	311309	15313	5	23	114	7.2	31	489	21.52	31	193	4.6	31	795	4.3	31
2541-2540	611053	311309	611056	311330	15921	5	17	1165	11	27	1417	103.44	27	1326	9.5	27	2037	6	27
2541-2589	611056	311330	609835	312175	25763	5	60.5	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
2542-2518	611069	311343	611108	311310	15632	6	19	1112	11	40	1058	93.1	40	1271	9.8	40	1396	8.1	40
2542-2541	611056	311330	611069	311343	2895	5	22	944	8.5	22	459	36.72	23	997	7.7	22	408	8.7	23
2543-2515	600922	313111	600866	312991	2258	2	40	3205	4.6	39	3285	151.11	39	3717	4.2	39	3758	4.2	39
2543-2523	600922	313111	600760	312891	10616	5	103	14913	3.6	102	16572	563.45	102	17905	2.9	101	19965	2.9	100
2543-2532	605154	313670	600922	313111	12874	4	109	18119	3.8	109	19857	714.85	108	21622	3.1	108	23723	3.1	107
2544-2500	601067	313280	601264	313422	84	5	40	189	2.1	40	67	3.95	40	552	0.8	40	227	1.8	40
2544-2531	599614	312425	601067	313280	11180	5	109	16046	4.3	108	17810	730.21	108	18912	3.7	108	20852	3.7	107
2545-2500	601264	313422	601529	313454	2201	2	55	3605	2.4	52	3817	87.79	51	4063	2.3	50	4367	2.2	48
2545-2544	601067	313280	601529	313454	11096	5	105	15857	4.3	103	17742	727.42	102	18360	3.8	102	20625	3.7	99
2546-2500	601194	313487	601264	313422	2285	2	39	3794	2.4	39	3884	93.22	39	4615	2.1	37	4594	2.2	38
2546-2503	601194	313487	602821	313863	91	1	75	194	0.5	76	63	0.82	75	566	0.2	76	232	0.4	76
2546-2504	601194	313487	600731	313328	2315	2	46	3693	2.5	44	3889	93.34	44	4149	2.4	43	4436	2.2	43
2562-2522	600477	310541	599721	312240	1816	6	60	2106	4.8	60	2423	101.77	59	2459	4.3	59	2811	3.8	59
2563-2159	611423	315910	611742	315965	Not applicable	Not applicable	Not applicable	660	0	30	3	0	32	1182	0	30	5	0	32
2576-2530	599261	312337	599302	312406	6174	3	33	8405	2.6	30	9115	236.99	28	9360	2.5	29	10064	2.6	27
2577-2506	599515	312401	599387	312545	3218	5	18	5252	3.2	15	5895	170.96	14	6404	2.7	14	7019	2.5	13

AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
2577-2524	599515	312401	599681	312265	3163	4	30	5196	2.2	28	5841	116.82	27	6349	1.9	27	6964	1.8	26
2579-2578	607884	312881	607888	312922	520	0	46	708	0.4	41	1171	3.51	43	639	0.2	42	1090	0.1	43
2586-2576	599237	312002	599261	312337	6174	3	49	8405	2.6	49	9115	236.99	49	9360	2.5	49	10064	2.6	49
2589-2156	609835	312175	609780	312190	25763	5	66	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
2590-7721	608780	312600	609659	312247	24699	5	63	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
2591-2502	604931	313703	605097	313710	1066	1	46	2519	0.4	42	2410	9.64	41	2390	0.4	41	2252	0.4	40
2591-7510	605097	313710	606010	313580	12895	5	61	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
2592-2532	605640	313594	605154	313670	11399	5	106	16699	4	104	18807	695.86	104	20222	3.2	103	22728	3.2	102
2593-2525	599730	312305	599737	312380	375	5	87	400	4.2	87	356	16.73	87	474	4.3	87	399	5.2	87
2593-2527	599737	312380	599501	312343	375	5	54	400	4.2	53	356	16.73	53	474	4.3	52	399	5.2	52
2594-2527	599501	312343	599143	312168	9308	6	110	11942	4.4	110	12669	557.44	110	14115	3.6	110	15029	3.8	110
2594-2529	599143	312168	599246	312226	9842	6	98	12353	5	97	12954	634.75	97	13959	4.6	97	14878	4.5	96
2599-2565	605338	313572	605322	312156	3166	2	47	4752	1.4	47	4307	77.53	47	4544	1.5	47	4284	2.4	47
2600-2497	600983	313088	601969	313136	369	3	59	686	2	59	715	13.59	59	641	2.3	59	675	2.1	59
2600-2504	600983	313088	600731	313328	2350	0	34	3281	3.5	33	3332	116.62	33	3774	3.3	32	3786	3.4	32
2600-2515	600983	313088	600866	312991	2311	2	31	3248	4.7	30	3325	156.28	30	3773	4.3	30	3807	4.3	30
2602-2517	610374	311658	610857	311382	924	17	37	757	14.3	37	460	44.16	37	742	13.6	37	438	8.9	37
2603-2157	611716	317562	612365	317000	14115	3	76	12754	3.5	78	12329	456.17	78	15990	3.2	74	14121	2.6	77
2603-2419	611716	317562	610487	318156	13499	3	79	12139	3.6	81	11336	430.77	81	15386	3.3	77	13141	2.7	80
2696-2095	616307	307806	616110	307770	9330	2	53	10460	1.7	50	9231	147.7	51	12004	1.7	47	10428	1.6	50
2704-2095	614057	307630	616110	307770	8230	2	64	8028	1.9	65	7230	130.14	65	8774	1.9	64	7891	1.8	65
2708-2707	621925	304100	621899	304542	18277	3	80	23975	2.7	80	23769	617.99	80	29570	3	80	29339	2.8	80
2716-2594	597795	312365	599143	312168	19150	6	74	24295	4.7	68	25623	1204.28	66	28074	4.1	63	29907	4.2	60

AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
2723-2502	604785	313682	604931	313703	1467	3	87	1430	2.7	87	1200	56.4	87	1253	3.2	87	1027	5.5	87
2723-2545	601529	313454	604785	313682	13296	5	109	19462	3.9	108	21559	819.24	107	22424	3.5	107	24992	3.4	105
2723-2591	604785	313682	605097	313710	11829	5	103	18032	4	100	20359	753.28	99	21170	3.5	98	23965	3.3	96
2725-5097	613005	311027	613080	311041	15531	6	26	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
2726-2725	613081	311020	613005	311027	15132	5	90	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
2726-5097	613081	311020	613080	311041	2792	1	32	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
2728-2586	597872	309140	599237	312002	5414	2	59	7139	2.7	57	8019	208.49	56	7915	2.6	57	8920	2.5	56
2739-2522	599752	312269	599721	312240	2532	4	27	4487	1.8	27	5035	85.6	27	5511	1.6	27	6093	1.4	27
2739-2526	599749	312297	599752	312269	2751	3	26	4515	1.9	26	5284	89.83	26	5543	1.7	26	6491	1.5	26
2740-2739	600116	312281	599752	312269	219	1	10	27	19.5	10	249	5.48	10	32	18.3	10	398	1.6	10
2745-2360	608272	319125	609753	318483	13521	5	78	10698	4.1	81	10242	389.2	81	13685	3.7	78	12253	3.3	80
2746-1563	624855	306311	624050	306633	35256	4	80	43927	3.4	80	44063	1454.08	80	50269	3.1	80	50399	3	80
2746-1679	624855	306311	624952	306277	35256	4	48	43927	3.4	49	44063	1454.08	49	50269	3.1	50	50399	3	50
2748-5096	613107	311006	613304	310965	3137	2	24	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
2749-2748	612950	310854	613146	310951	2439	2	43	2419	2	43	2464	46.82	42	2544	2	42	2610	2	42
2831-2591	605097	313710	605413	313723	N/A	N/A	N/A	20551	3.6	108	22769	751.38	108	23561	3.2	107	26217	3.1	106
2957-1953	621219	319019	621438	318168	17831	2	74	21385	1.9	69	20164	383.12	71	21881	2	67	20695	2.3	68
2958-7018	614797	310806	614008	310904	17286	5	109	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
2968-2716	591820	312902	597795	312365	19150	6	74	24295	4.7	67	25623	1204.28	66	28074	4.1	62	29906	4.2	60
3005-2028	617960	310530	617895	309980	802	1	40	804	0.8	40	814	6.51	40	807	0.9	40	821	0.8	40
3006-2958	615362	310741	614797	310806	17286	5	109	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
3007-2037	615523	310560	615597	310653	24802	5	24	28412	4.4	23	25583	1074.49	25	29217	4.3	22	26560	4.2	24
3010-3006	615722	310389	615362	310741	12731	3	105	16134	2.2	105	18068	343.29	104	19362	2.1	104	21168	1.8	103

AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
3012-3009	615365	310766	615736	310407	11652	3	104	15903	2.6	100	16537	396.89	101	17953	2.5	98	19618	2.1	97
3017-3013	616651	307641	616359	308071	20806	4	104	23803	3.4	102	24376	804.41	101	27782	3.1	99	28182	3.1	98
3018-3014	616396	308077	616683	307648	20973	4	104	26207	3.5	101	26316	894.74	101	29586	3.3	97	29910	3.1	97
3030-2610	618743	305091	618615	305204	31768	3	73	38614	2.5	61	37889	947.23	63	44170	2.3	49	43345	2.3	49
3030-2612	618615	305204	618534	305288	16967	3	40	21910	2.2	49	21521	473.46	50	23931	2	46	23712	2.1	47
3030-3019	618615	305204	618246	305739	14801	3	106	16704	2.9	105	16368	474.67	105	20205	2.6	102	19583	2.6	102
3031-3020	618265	305757	618606	305247	15461	4	105	17743	3.4	104	16758	553.01	105	22390	3.5	103	21291	3.3	103
3042-3034	621609	303766	622376	304243	23162	3	103	29613	2.8	96	28546	799.29	98	34303	2.6	89	33096	2.6	91
3043-3033	622375	304229	621630	303757	23852	3	103	28470	2.8	98	27684	802.84	99	32808	2.6	90	31825	2.6	92
3044-2352	624819	306059	624898	306177	10526	4	50	13799	4.2	50	13792	565.47	50	16435	3.8	50	16403	3.7	50
3045-1680	625118	306184	624839	306047	11685	5	41	11894	4.8	41	12053	554.44	41	13587	4.1	40	13636	4	40
3046-1607	623951	305260	623803	305616	7685	2	35	7262	1.5	35	7199	115.18	35	8251	1.3	34	8270	1.3	34
3046-2006	623951	305260	623600	303950	4847	2	47	4926	1.7	47	4844	82.35	47	5809	1.4	47	5752	1.4	47
3047-1679	624952	306277	625256	306472	10035	3	67	11573	2.9	65	11759	341.01	66	13167	2.8	64	13277	2.7	65
3047-3044	624819	306059	625256	306472	19483	2	105	23503	2.2	101	22457	494.05	102	27086	2.1	97	25896	2	99
3048-2354	625270	306442	625216	306361	10760	4	50	12441	4.2	50	12567	515.25	50	13996	4.5	50	14318	4.5	50
3048-3045	625270	306442	624839	306047	18842	3	102	23638	2.2	99	22651	498.32	100	27702	2	92	26632	2	93
3051-1808	628787	308614	628763	308572	13366	3	26	16181	2.3	26	16238	373.47	26	17929	2.1	26	17724	2.1	26
3051-1809	628763	308572	628698	308616	2278	14	29	2756	11.8	29	2866	326.72	29	3139	9.9	29	3189	9.7	29
3051-2357	628763	308572	628765	308567	11951	3	44	14353	2.4	44	14301	343.22	44	15819	2.1	44	15541	2.1	44
3052-2356	628851	308394	628927	308466	19186	3	24	24361	2.7	29	23608	637.42	30	28676	2.5	27	27846	2.5	27
3052-3050	628851	308394	628616	308433	16471	2	53	20124	1.9	53	19343	367.52	53	24210	2.4	53	23423	2.3	53
3055-2921	629541	308469	629540	308320	1447	1	37	2511	1.8	36	2388	45.37	36	2802	3.8	35	2726	3.7	35

AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
3057-2106	629863	308539	630452	308844	41111	4	105	51979	3.3	102	51660	1704.78	102	57373	2.8	100	57128	2.8	100
3057-3050	629863	308539	628616	308433	13129	5	108	15954	4.2	107	15877	666.83	107	17487	3.5	107	17528	3.6	107
3057-3055	629863	308539	629541	308469	8018	3	44	11130	2.6	32	11108	288.81	32	12069	1.7	26	12010	1.7	26
3074-2516	609766	311204	609636	311188	4741	3	57	1533	3.9	58	1672	73.57	58	1722	3.7	58	2231	4.4	58
3074-2517	609766	311204	610857	311382	4411	3	63	1600	3.9	65	2058	84.38	65	1914	3.5	65	2842	3.9	64
3081-3067	612904	316998	613009	317000	1179	3	42	1139	2.9	42	1148	32.14	42	1140	2.8	42	1148	2.7	42
3130-2062	626343	319219	625420	315240	14713	2	73	17316	1.7	70	16922	304.6	70	20732	1.6	66	20490	1.6	67
3141-3140	622434	314725	622584	314823	Not applicable	Not applicable	Not applicable	2459	4	34	2489	99.56	34	4448	4.3	32	4471	4.2	31
3144-1171	618477	317539	618005	318489	3971	4	71	5081	3.2	70	4802	163.27	70	5647	3.3	70	5404	3.1	70
3146-2038	615599	310814	615574	310956	Not applicable	Not applicable	Not applicable	27589	5.6	33	27711	1551.82	33	28199	5.7	33	28326	5.7	33
3146-2350	615599	310814	615609	310754	Not applicable	Not applicable	Not applicable	27589	5.6	28	27711	1551.82	28	28200	5.7	28	28326	5.7	28
3589-1516	620329	310510	620606	310520	5294	1	24	7460	0.6	24	7360	22.08	25	7733	0.7	24	7889	0.3	24
3589-1638	620329	310510	620055	310461	4837	1	34	6854	0.4	34	6782	20.35	34	7159	0.5	34	7347	0.3	34
3590-1637	619511	309764	619649	309928	12661	0	27	14103	0.1	26	13397	13.4	26	14349	0.1	26	13576	0.1	26
3591-1629	619473	307714	619379	308282	796	26	23	1871	11.3	23	1866	212.72	23	2783	7.7	23	2662	8.1	23
3605-2041	617354	311621	617180	311650	1609	6	27	1429	5.8	28	1432	87.35	28	1509	5.6	28	1455	6.1	28
3611-2045	616150	314193	616277	314615	4609	0	37	5746	0.1	37	4400	4.4	37	6431	0.1	37	4484	0.1	37
3613-2062	624853	315174	625420	315240	3748	2	32	3199	2.1	35	3197	70.33	35	3435	1.8	34	3370	1.9	34
3615-2050	613785	312718	614051	313760	4498	1	38	106	0	39	105	0	39	114	0	39	116	0	39
3618-2748	613502	310924	613146	310951	818	5	42	2965	2.8	42	3082	89.38	41	3832	2.3	42	3646	2.6	41
3619-2539	611335	311201	611093	311294	15313	5	50	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
3619-7715	611796	311176	611335	311201	30945	5	78	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
3620-2563	611288	315870	611423	315910	2551	0	28	4372	0	26	159	0	28	5267	0	26	197	0	28

AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
3621-2603	611768	317638	611716	317562	1358	2	55	1301	1.9	56	1309	24.87	57	1308	1.8	55	1316	1.8	57
3622-2157	613269	316517	612365	317000	15831	3	66	16183	2.7	66	12147	461.59	70	20376	2.5	61	13905	2.7	68
3623-2159	613450	314034	611742	315965	279	0	37	185	0	37	308	0	37	162	0	37	311	0	37
3627-2706	621902	304666	621909	304761	18351	3	47	19459	2.9	51	19311	540.71	51	24109	3.2	48	23871	3	49
3627-2707	621902	304666	621899	304542	18277	3	51	23975	2.7	52	23769	617.99	52	29571	3	52	29339	2.8	51
3629-2422	616875	314223	617454	313871	11831	2	41	11169	2	41	12733	292.86	39	10709	2.3	42	13016	2.2	39
3632-2024	618215	307750	618090	307911	7516	5	18	10229	4.1	17	10309	412.36	17	14561	3.3	14	14626	3.3	15
3632-3610	618215	307750	618317	307259	6182	7	37	8919	5	36	8937	446.85	36	10214	4.5	34	10223	4.5	34
4000-2098	619542	315318	621010	315190	2483	0	36	2338	0	35	2431	0	36	3490	0	35	3551	0.4	35
4004-3081	613142	318137	612904	316998	619	1	48	400	0.8	48	1987	19.87	47	387	0.9	48	2296	1.5	47
4005-2051	618862	313824	619425	313980	2702	3	36	2949	2.5	36	2846	74	36	2835	2.1	36	2768	2.5	35
4405-2266	611015	322674	609930	322820	2927	5	47	3595	4	47	4208	151.49	47	4475	3.5	47	4972	3.2	47
4601-3590	619460	309790	619511	309764	6460	1	19	6857	0.5	19	6914	34.57	19	6882	0.5	19	6955	0.5	19
4643-2458	614064	310856	615042	310731	2125	4	78	6475	2.2	78	6032	126.67	78	7872	1.9	78	6658	1.8	78
4643-2584	614064	310856	613860	310267	1598	3	45	4380	1.4	44	4416	61.82	44	5489	1.3	42	5562	1.3	44
4643-3618	614064	310856	613502	310924	1101	4	47	3334	2.5	46	3416	92.23	46	4184	2.1	46	3924	2.4	46
4644-2602	610217	311580	610374	311658	1325	9	34	1297	8.5	34	1368	109.44	34	1331	7.8	34	1398	7.4	34
4646-2360	609652	318305	609753	318483	4078	3	39	3869	3	40	3851	115.53	40	3943	2.8	38	3923	2.8	39
4647-3081	612980	316826	612904	316998	1651	2	44	1402	2.1	43	3005	51.09	45	1392	2	43	3319	1.9	45
4647-3622	612980	316826	613269	316517	1930	2	35	1659	1.8	35	2806	44.9	36	1510	1.9	33	3038	1.7	36
4657-3632	618160	307390	618215	307750	3265	4	15	4482	3.4	15	4489	152.63	15	4694	3.5	15	4704	3.4	15
4667-3632	618760	307600	618215	307750	672	3	16	896	2.2	15	900	19.8	15	1310	1.9	14	1316	1.9	14
4672-2045	616580	314420	616277	314615	10939	2	42	10303	2	42	11875	285	42	9632	2.3	42	12282	2.3	42

AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
4672-3629	616580	314420	616875	314223	10939	2	40	10303	2	40	11875	285	40	9632	2.3	40	12282	2.3	39
4800-3016	616503	307854	616546	307861	15545	2	38	17611	1.7	39	17107	273.71	39	19607	1.7	37	18895	1.6	37
4801-2696	616393	306888	616307	307806	3659	1	36	3704	0.8	36	3747	29.98	37	3710	0.8	36	3799	0.8	36
4802-3015	616472	307845	616440	307836	15545	2	39	17611	1.7	37	17107	273.71	37	19607	1.7	38	18895	1.6	38
4802-4800	616472	307845	616503	307854	15545	2	57	17611	1.7	56	17107	273.71	57	19607	1.7	55	18895	1.6	56
4803-3014	616396	308077	616532	307893	5096	1	55	7917	1.1	55	7200	86.4	55	8573	1.1	55	8307	1.2	55
4804-2400	617048	307835	617360	307784	19939	2	50	24086	1.4	44	23156	324.18	46	27895	1.3	37	27249	1.3	38
4805-2302	617584	307765	617808	307808	19735	2	31	23662	1.4	29	22694	317.72	30	26863	1.3	27	26197	1.3	27
4805-2400	617584	307765	617360	307784	19735	2	51	23662	1.4	48	22694	317.72	49	26863	1.3	45	26197	1.3	46
4806-2302	617740	307590	617808	307808	6628	2	31	8236	1.7	31	8420	134.72	31	10008	1.8	31	10174	1.7	31
4807-2024	617969	307860	618090	307911	20794	1	31	23920	1.4	31	22879	320.31	32	29245	1.4	30	28381	1.3	31
4807-2302	617969	307860	617808	307808	20793	1	44	23920	1.4	42	22879	320.31	43	29245	1.4	40	28381	1.3	40
4808-2024	618286	308008	618090	307911	19039	2	35	22988	1.9	37	21530	409.07	36	25375	1.9	37	24060	1.8	38
4809-2307	618508	308089	618664	308172	19039	2	33	22988	1.9	32	21530	409.07	32	25375	1.9	30	24059	1.8	30
4809-4808	618508	308089	618286	308008	19039	2	55	22988	1.9	55	21530	409.07	55	25375	1.9	55	24059	1.8	55
4810-2306	618363	308190	617658	308640	3338	4	44	4112	3.1	44	3900	124.8	44	4954	2.5	44	4442	2.8	44
4810-2307	618363	308190	618664	308172	4854	3	24	5735	2.2	22	5559	127.86	22	6373	1.9	21	5923	2.1	21
4811-1630	618878	308228	619270	308250	19666	2	53	23418	1.8	53	21943	394.97	53	27510	1.7	52	25986	1.6	52
4811-2307	618878	308228	618664	308172	19666	2	44	23418	1.8	46	21943	394.97	45	27511	1.7	46	25986	1.6	46
4813-1629	619319	308271	619379	308282	17914	2	33	20598	1.8	31	19679	334.54	31	23994	1.7	28	23105	1.6	29
4813-1630	619319	308271	619270	308250	17914	2	30	20598	1.8	29	19679	334.54	29	23994	1.7	26	23105	1.6	26
4814-1633	620102	309413	620460	309392	25904	4	41	24727	3.9	42	25088	577.02	42	24684	3.6	42	24899	2.3	42
4814-1634	620102	309413	619808	309447	25690	3	42	24519	3.1	42	24876	373.14	42	24482	2.8	42	24691	1.5	42



AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
5022-2709	622248	303013	621997	303830	23817	4	55	26806	3.2	52	26867	832.88	52	32339	2.7	42	32369	2.6	43
5041-3618	613141	309173	613502	310924	722	1	44	862	0.4	45	934	4.67	47	995	0.8	47	1078	0.9	47
5042-2305	615604	308735	617191	309440	1874	0	38	3372	0.5	38	2662	15.97	38	5304	0.6	36	4119	0.7	37
5043-2095	615579	308620	616110	307770	2396	1	38	3692	0.7	38	3167	25.34	38	5040	0.8	37	4150	0.9	38
5063-1351	620644	309351	620920	309320	20741	2	35	22190	1.4	35	22837	296.88	35	23103	1.3	34	23911	1.3	34
5063-1515	620627	309379	620644	309351	25111	3	31	25208	2.8	31	25342	506.84	31	25337	2.6	31	25587	1.9	31
5064-2386	620622	309338	620617	309304	23368	2	20	25112	2.3	19	25541	536.36	19	25517	2.4	19	26005	2.1	19
5064-5063	620644	309351	620622	309338	26154	2	31	28840	2	30	28002	364.03	30	29738	1.8	30	29190	1.2	30
5065-1473	620610	309358	620578	309362	27843	3	25	26731	3.6	26	27073	595.61	26	26755	3.4	26	27000	2.2	26
5065-1515	620610	309358	620627	309379	24683	3	32	24610	3.4	32	24889	597.34	32	24809	3.4	32	25084	2.5	32
5065-5064	620622	309338	620610	309358	24119	2	31	25463	2.6	31	25140	452.52	31	25647	2.5	31	25512	1.8	31
5085-3046	625200	304256	623951	305260	2978	1	38	2749	1.4	38	2761	38.65	38	2866	1.3	38	2940	1.3	38
5088-2026	617927	309958	618505	309881	23948	5	70	22455	4.9	70	21835	720.56	70	23611	4.5	69	22868	3.2	70
5088-2028	617895	309980	617927	309958	14361	5	36	12106	5.3	36	12240	440.64	36	13033	5	36	13303	3.5	36
5089-2304	617909	309920	617927	309708	4138	1	29	6843	0.6	28	6613	46.29	29	9111	0.7	27	8409	0.7	28
5089-5088	617927	309958	617909	309920	14281	4	36	16104	3.8	36	15364	430.19	36	17581	3.3	36	17049	2.5	36
5090-5089	617909	309920	617868	309933	14943	4	34	16995	3.5	34	16151	419.93	34	18629	3.1	34	17724	2.4	34
5091-2028	617864	309964	617895	309980	14319	5	33	12061	5.4	33	12196	439.06	34	12977	5	33	13251	3.5	33
5091-2033	617864	309964	617364	310130	26546	5	61	26264	4.7	66	25519	842.13	67	28318	4.2	64	27613	3.1	66
5091-5090	617868	309933	617864	309964	15280	4	35	17349	3.5	35	16491	428.77	35	19099	3.1	35	18156	2.4	35
5093-2052	620522	314059	620557	314077	10889	3	33	15019	2.9	33	14433	432.99	33	17184	3.3	32	16501	3.2	32
5093-5092	620579	314016	620522	314059	15195	3	36	20581	2.8	35	20931	627.93	35	23510	3.1	35	24017	3.1	35
5094-3009	613144	311045	615365	310766	17753	5	108	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
5094-5095	613144	311045	613139	311028	969	2	31	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
5095-5096	613139	311028	613107	311006	18254	4	33	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
5096-2726	613107	311006	613081	311020	17923	4	32	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
5097-2096	613080	311041	613106	311065	18323	5	34	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
5106-2710	618164	305579	618187	305603	7169	2	40	9363	1.6	40	9371	149.94	40	8528	1.8	40	8609	1.8	40
5106-4822	618164	305579	617927	305550	9286	3	42	10663	2.4	37	10646	255.5	37	9717	2.7	39	9913	2.7	39
5106-5105	618178	305548	618164	305579	6930	2	29	7139	2.1	29	7148	150.11	29	7236	2.1	29	7124	2.1	29
5120-3015	616440	307836	616429	307810	7189	2	33	8746	2	33	8632	172.64	33	9000	2.1	33	8840	2.1	33
5120-3017	616651	307641	616429	307810	4472	1	45	5870	0.6	45	5699	34.19	45	8239	0.6	44	7714	0.5	45
5121-2696	616395	307820	616307	307806	12669	2	42	13718	1.5	41	12576	176.06	42	15115	1.5	39	13653	1.5	41
5121-5120	616429	307810	616395	307820	11662	2	29	14616	1.5	28	14332	214.98	28	17239	1.4	27	16555	1.4	27
5122-3013	616407	307844	616359	308071	4487	2	47	6169	1.8	47	6150	110.7	47	6770	1.8	46	6650	1.9	46
5122-3015	616407	307844	616440	307836	8356	2	26	8865	1.3	26	8475	93.23	27	10607	1.3	25	10055	1.1	26
5122-5121	616395	307820	616407	307844	12842	2	25	15034	1.5	25	14626	204.76	25	17377	1.5	24	16706	1.4	25
5123-3016	616546	307861	616560	307881	8356	2	32	8865	1.3	32	8475	93.23	32	10607	1.3	32	10055	1.1	32
5123-4803	616532	307893	616560	307881	5096	1	16	7917	1.1	15	7200	86.4	15	8573	1.1	13	8307	1.2	14
5124-4804	616594	307868	617048	307835	19939	2	52	24119	1.4	48	23169	324.37	50	27795	1.3	44	27162	1.3	45
5124-5123	616560	307881	616594	307868	13452	1	35	16782	1.2	34	15675	188.1	35	19179	1.2	34	18362	1.1	34
5125-3016	616576	307841	616546	307861	7189	2	36	8746	2	34	8632	172.64	34	9000	2.1	35	8840	2.1	34
5125-3018	616576	307841	616683	307648	5009	2	47	5290	1.4	47	4826	62.74	47	7126	1.3	46	6744	1.3	46
5125-5124	616594	307868	616576	307841	12198	2	34	14037	1.8	33	13458	242.24	33	16126	1.8	33	15585	1.8	32
5126-3007	615523	310560	615532	310533	8872	6	33	10500	5.6	5	9172	403.57	5	11050	5.1	5	9321	4.5	5
5127-5126	615532	310533	615495	310515	21434	5	33	24337	4.7	32	21629	973.31	33	26240	4.4	32	22984	4.4	33

AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
5128-2458	615471	310536	615042	310731	3424	6	66	8026	3.3	66	7483	246.94	67	9480	3	64	8130	3.1	66
5128-5127	615495	310515	615471	310536	20595	5	31	23731	4.8	31	21064	968.94	31	25195	4.5	30	22268	4.5	31
5129-3006	615493	310562	615362	310741	4555	10	42	5437	8.6	40	4209	290.42	40	6120	7.1	40	4798	6.4	40
5129-3007	615493	310562	615523	310560	16070	4	33	18352	3.6	33	16832	673.28	33	19841	3.5	32	17634	3.9	33
5129-5128	615471	310536	615493	310562	20625	5	32	23790	4.8	31	21041	946.85	32	25961	4.3	31	22432	4.5	32
5130-2037	615597	310653	615598	310681	18876	4	31	20946	3.8	9	19483	779.32	9	21644	3.8	9	20285	4	9
5130-3009	615365	310766	615598	310681	6101	8	33	5708	8.7	20	5256	299.59	21	5717	8.8	20	5931	5.5	20
5131-2350	615618	310689	615609	310754	24271	6	31	24885	5.8	29	24484	1444.56	31	25560	5.9	29	24954	6	30
5131-5130	615598	310681	615618	310689	24977	5	19	26655	4.8	19	24739	1088.52	19	27362	4.8	18	26214	4.4	18
5132-2351	615642	310673	615715	310653	23578	5	39	27510	4.5	43	23497	869.39	43	29994	4	43	25673	3.5	43
5132-5131	615618	310689	615642	310673	21271	6	24	23736	4.9	23	21468	966.06	24	24561	4.8	23	22808	4.4	23
5133-2037	615626	310635	615597	310653	11677	6	35	13122	5.4	35	11823	532.04	35	12922	5.3	35	11972	4.5	35
5133-3012	615626	310635	615736	310407	14417	4	41	18220	3.1	39	16978	577.25	39	20206	3	37	18598	3.3	38
5133-5132	615642	310673	615626	310635	26094	5	34	31343	4.1	32	28800	1123.2	33	33129	3.9	31	30570	3.8	32
5201-2400	617310	308010	617360	307784	264	1	22	255	1.4	22	257	3.6	22	253	1.6	21	257	1.6	21
5300-2050	613910	313924	614051	313760	1134	3	39	2539	0	40	544	0	40	4377	0	38	579	0	40
5300-3623	613910	313924	613450	314034	1144	0	38	2662	1.3	38	627	0	38	4495	0.7	37	668	0	38
5300-4648	613910	313924	614050	314910	627	6	17	567	6.2	17	531	0	17	547	6.1	17	518	0	17
5310-2708	621929	304032	621925	304100	18276	3	57	23975	2.7	57	23769	617.99	57	29570	3	55	29339	2.8	55
5311-3042	621972	304020	622376	304243	6846	4	71	7688	3.3	69	7703	254.2	69	9218	2.9	67	9204	2.8	67
5311-5310	621929	304032	621972	304020	19267	3	52	23506	2.4	51	23461	563.06	51	27729	2.2	51	27752	2.1	51
5312-3043	622375	304229	622013	303958	6679	4	56	7065	4	47	7025	273.98	47	8489	2.9	36	8451	2.7	37
5312-5311	621972	304020	622013	303958	12421	2	53	15818	2	53	15757	315.14	53	18511	1.9	52	18548	1.7	52

AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
5313-2006	622014	303910	623600	303950	4449	1	45	6105	0.9	46	6040	60.4	46	6553	1.4	46	6512	1.5	46
5313-5312	622013	303958	622014	303910	19098	3	48	22878	2.6	47	22782	569.55	47	26910	2.2	46	26904	2	46
5314-2709	621979	303884	621997	303830	23653	4	43	26702	3.2	40	26753	829.34	40	32124	2.7	35	32164	2.5	36
5314-5313	622014	303910	621979	303884	19491	3	52	24158	2.5	51	23983	599.58	51	28509	2.3	50	28382	2.1	50
5315-3033	621922	303891	621630	303757	7915	2	42	10145	1.5	41	10206	153.09	41	11364	1.4	40	11521	1.5	40
5315-5314	621979	303884	621922	303891	19894	3	53	24674	2.3	53	24502	563.55	53	28444	2.1	52	28281	2.1	52
5316-3034	621609	303766	621883	303965	7521	3	38	10152	3	48	10348	300.09	48	11894	4.1	48	12320	3.7	48
5316-5315	621922	303891	621883	303965	11979	3	54	14529	2.9	53	14296	414.58	53	17080	2.6	53	16760	2.5	53
5317-5310	621896	304020	621929	304032	19475	3	50	25167	2.9	50	25144	704.03	50	29148	3.2	49	29317	3	49
5317-5316	621883	303965	621896	304020	19486	3	50	24680	3	48	24644	714.68	48	28975	3.2	46	29081	3	46
5326-2158	617750	319342	617950	318650	5439	2	71	5550	2.5	72	6287	157.18	70	6737	2.4	70	7262	2.2	69
5333-3612	617910	313952	618137	313761	8191	0	36	10656	0.4	36	10114	40.46	35	11477	0.3	34	10968	0.4	34
5334-3612	618528	313755	618137	313761	9230	0	33	11032	0.3	32	9599	38.4	32	12142	0.2	31	10475	0.3	32
5334-4005	618528	313755	618862	313824	9761	1	35	11930	0.6	33	10595	74.17	34	12932	0.4	32	11257	0.6	33
5336-5334	618525	313531	618528	313755	3632	2	44	3878	1.4	44	3884	54.38	44	3628	1.3	44	3636	1.3	44
5406-1635	619361	309455	619380	309550	6111	1	19	7655	0.7	17	7575	45.45	18	7590	0.5	18	7342	0.6	18
5407-5406	619466	309429	619361	309455	2128	1	28	2231	0.6	28	2245	13.47	28	2239	0.7	28	2258	0.7	28
5410-1635	619437	309654	619380	309550	8927	1	17	10319	0.6	16	9578	57.47	15	10642	0.6	15	9797	0.6	15
5410-3590	619437	309654	619511	309764	9938	0	28	11141	0.4	28	10390	41.56	28	11523	0.4	28	10674	0.4	28
5411-5410	619562	309619	619437	309654	2714	1	28	2868	0.7	28	2890	20.23	28	2902	0.7	28	2931	0.7	28
5412-1633	619980	309617	620460	309392	2527	0	21	2590	0.1	23	2560	2.56	23	2699	0.1	23	2674	0.1	23
5412-1637	619980	309617	619649	309928	2849	0	28	2876	0.4	28	2872	11.49	28	2886	0.5	28	2952	0.5	28
5417-1630	619214	308418	619270	308250	2188	1	16	3262	1.5	17	2768	49.82	16	3926	1.3	17	3355	1.5	17

AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
5445-1636	618925	310313	619000	309700	5629	3	23	5943	2.7	25	5925	154.05	25	5763	2.8	23	5882	2.7	23
5451-2035	616740	310232	616840	310380	8741	1	30	9027	0.6	30	9144	54.86	30	8931	0.7	29	9102	0.7	30
6019-1516	620670	310870	620606	310520	31739	3	37	34869	2.8	37	33401	567.82	37	35341	2.8	37	33892	1.8	37
6021-2043	618013	313578	617730	312350	5093	0	39	7085	0	38	5732	0	39	8291	0	38	6313	0	38
6021-2046	618013	313578	617974	313588	13075	2	34	12657	1.7	35	13844	290.72	34	12628	2	35	14110	2	34
6021-2047	618013	313578	618051	313561	17072	1	20	18762	1.2	19	18899	283.49	19	19782	1.2	19	19801	1.4	19
6022-2047	618072	313612	618051	313561	6242	1	8	8460	0.4	8	7995	23.99	9	9654	0.4	8	8891	0.3	9
6022-3612	618072	313612	618137	313761	10825	0	27	15068	0.2	23	13263	26.53	25	17383	0.2	20	15016	0.2	22
6022-6021	618013	313578	618072	313612	4797	0	29	7092	0	28	5875	0	28	8363	0	28	6697	0	28
6026-2304	618310	309813	617927	309708	132	100	36	132	100	35	132	132	35	132	100	35	132	100	35
6029-6026	618330	309590	618310	309813	54	100	43	54	100	43	54	54	43	54	99.9	43	54	100	43
6030-5406	619258	309162	619361	309455	5420	1	31	6737	0.7	31	6601	33.01	31	6779	0.5	31	6491	0.5	31
6032-5090	616883	309902	617868	309933	6066	2	41	6680	2.1	41	6724	141.2	41	7400	2	40	7482	2	41
6033-3010	616323	308220	615722	310389	25292	4	104	29972	3.1	100	30526	915.78	99	34552	2.9	95	34832	2.8	95
6033-3013	616359	308071	616323	308220	25292	4	105	29972	3.1	101	30526	915.78	100	34552	2.9	96	34832	2.8	96
6034-3018	616683	307648	616957	307458	25982	4	104	31497	3.1	99	31142	934.26	100	36715	2.9	93	36656	2.7	93
6034-3020	616957	307458	618265	305757	25982	4	104	31496	3.1	98	31142	934.26	99	36715	2.9	91	36655	2.7	92
6035-3017	617657	306603	616651	307641	25278	3	104	29673	2.9	100	30075	842.1	99	36020	2.6	92	35896	2.5	92
6035-3019	618246	305739	617657	306603	25278	3	106	29673	2.9	102	30075	842.1	101	36020	2.6	93	35896	2.5	94
6036-3034	620626	303752	621609	303766	30683	3	97	39765	2.9	81	38894	1089.03	83	46260	3	62	45416	2.9	66
6037-2610	620614	303736	618743	305091	31768	3	99	38614	2.5	88	37889	947.23	89	44170	2.3	77	43345	2.3	79
6037-3033	621630	303757	620614	303736	31768	3	99	38614	2.5	88	37889	947.23	89	44170	2.3	77	43345	2.3	79
6038-3042	622376	304243	622730	304500	30009	3	100	37301	2.9	90	36249	1051.22	92	43521	2.7	79	42300	2.7	81

AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)	
6038-3044	622730	304500	624819	306059	30009	3	100	37301	2.9	89	36249	1051.22	91	43521	2.7	77	42299	2.7	80	
6039-3043	624264	305572	622375	304229	30531	4	99	35536	3.1	93	34709	1075.98	94	41297	2.7	83	40275	2.6	85	
6039-3045	624839	306047	624264	305572	30531	4	100	35536	3.1	94	34709	1075.98	95	41297	2.7	84	40275	2.6	86	
6040-3047	625256	306472	625459	306645	29519	3	104	35076	2.4	104	34216	821.18	104	40253	2.3	104	39174	2.3	104	
6040-3049	625459	306645	628602	308450	29519	3	99	35076	2.4	86	34216	821.18	90	40253	2.3	78	39173	2.3	81	
6041-3048	628098	308119	625270	306442	29602	3	99	36078	2.9	90	35219	1021.35	92	41697	2.9	80	40950	2.8	82	
6041-3050	628616	308433	628098	308119	29602	3	100	36078	2.9	92	35219	1021.35	93	41697	2.9	82	40950	2.8	84	
6043-3052	628770	308030	628851	308394	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
6044-1807	628697	308970	628744	308650	5306	8	53	6605	6.2	52	6611	409.88	52	8201	4.9	52	8160	4.8	52	
6050-1809	628678	308602	628698	308616	13728	4	18	15628	3.3	18	15736	519.29	18	16734	3	18	16719	3	18	
6050-2358	628678	308602	628637	308606	13728	4	49	15628	3.3	49	15736	519.29	48	16734	3	48	16719	3	48	
6053-6026	618666	309787	618310	309813	132	100	40	132	100	40	132	132	40	132	100	40	132	100	40	
6053-6052	618666	309787	618395	309316	132	100	43	132	100	43	132	132	43	132	100	43	132	100	43	
6155-3630	617201	315706	617400	315548	3144	1	55	6187	0.7	53	6001	36.01	53	8243	0.6	51	7908	1.2	51	
6155-3637	617201	315706	617055	315836	3144	1	61	5772	0.6	59	5705	28.53	59	7691	0.5	57	7086	1.1	57	
6951-2044	616323	313811	616045	313880	2782	0	35	2714	0.2	35	2475	4.95	36	3067	0.2	36	2428	0.2	36	
6952-2044	616081	314006	616045	313880	4653	1	32	5792	0.8	31	4445	48.9	32	6477	0.7	31	4531	1.1	32	
6952-3611	616081	314006	616150	314193	4653	1	40	5792	0.8	40	4445	48.9	40	6477	0.7	39	4529	1.1	40	
6953-2444	615551	314511	615616	314669	5001	1	46	3770	1.2	45	1673	43.5	45	4815	0.9	45	1438	3	45	
7000-2420	615897	314800	615841	314839	13713	1	30	13341	1.3	30	14526	246.94	30	13071	1.3	30	15073	1.6	29	
7000-2421	615897	314800	616224	314642	14117	2	42	14332	1.5	42	15030	300.6	42	14426	1.5	42	15552	1.8	42	
7002-4001	617880	315138	619000	314430	5580	1	64	5052	1.1	64	4987	59.84	64	4902	1.2	64	5005	2.2	64	
7003-2046	617974	313588	617930	313585	627	0	32	767	0.1	32	526	0.53	32	814	0.1	32	545	0.1	32	

AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
7003-4669	617930	313585	617190	313340	1244	0	39	1492	0.1	39	1110	1.11	39	1919	0	39	1093	0.1	39
7004-2046	617940	313605	617974	313588	12448	2	30	11891	1.8	30	13318	293	30	11814	2.1	30	13564	2.1	30
7004-2422	617940	313605	617454	313871	11831	2	42	11167	2	42	12734	292.88	42	10709	2.3	43	13016	2.2	42
7004-7003	617930	313585	617940	313605	617	0	10	725	0.1	10	584	0.58	9	1105	0	10	548	0	9
7011-2044	616255	312818	616045	313880	5967	0	47	8373	0	46	6711	0	46	8430	0	46	6575	0	46
7011-2049	616255	312818	616195	312440	5967	0	37	8373	0	37	6711	0	37	8430	0	37	6575	0	37
7012-2049	615885	312695	616195	312440	3	0	40	6	0	39	6	0	40	7	0	39	6	0	39
7017-3012	615736	310407	615909	310066	26069	4	104	34123	2.9	104	33515	971.94	104	38159	2.8	104	38216	2.7	104
7017-3014	615909	310066	616396	308077	26069	4	104	34123	2.9	95	33515	971.94	95	38159	2.8	89	38217	2.7	89
7018-5095	614008	310904	613139	311028	17286	5	92	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
7019-3010	615722	310389	615551	310524	12561	5	44	13838	4.1	44	12458	573.07	44	15190	3.9	44	13664	4.4	44
7019-5126	615551	310524	615532	310533	12561	5	8	13838	4.1	5	12458	573.07	5	15190	3.9	5	13664	4.4	5
7020-3011	615520	310489	615666	310028	7146	0	44	6776	0.4	44	7053	28.21	44	5876	0.5	44	6137	0.5	44
7020-5127	615520	310489	615495	310515	7146	0	21	6776	0.4	20	7053	28.21	21	5876	0.5	22	6137	0.5	21
7020-7019	615551	310524	615520	310489	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
7159-1151	620860	320070	621118	319437	15905	2	74	19316	2	70	17603	369.66	72	20283	2	69	18761	2.1	71
7159-1152	620860	320070	620092	319642	3671	1	59	3355	0.9	57	5533	55.33	56	3891	0.7	56	6108	1	55
7159-3121	620860	320070	620307	321233	17008	2	74	19393	2	72	20011	400.22	69	20941	1.8	69	21615	1.9	66
7510-2592	606010	313580	605640	313594	12520	4	105	19130	3.6	103	21201	720.83	102	22502	3	101	25211	2.9	99
7510-2831	605413	313723	606010	313580	Not applicable	Not applicable	Not applicable	20551	3.6	108	22769	751.38	108	23561	3.2	107	26217	3.1	106
7551-4810	618100	308250	618363	308190	1794	0	43	1820	0	43	1827	0	43	1907	0	43	1917	0	43
7615-5417	619126	308561	619214	308418	1623	1	19	2712	1.7	19	2215	46.52	19	3248	1.5	19	2686	1.8	19
7638-2304	617870	309490	617927	309708	2117	10	31	4853	4.6	31	4894	220.23	31	6605	3.5	31	6684	3.5	31

AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
7644-1629	619889	308397	619379	308282	17578	1	50	19754	1.2	50	18805	225.66	50	21981	1.3	50	21194	1.1	50
7648-1475	619552	309520	619697	309466	214	100	36	210	100	36	213	213	36	205	100	36	209	100	36
7648-1634	619697	309466	619808	309447	24022	3	32	22937	3.6	32	22897	435.04	32	23078	3.3	31	23117	1.9	32
7648-1635	619697	309466	619380	309550	24021	3	27	22938	3.6	27	22897	435.04	27	23078	3.3	26	23117	1.9	27
7649-4814	619967	309434	620102	309413	214	100	32	210	100	32	213	213	32	205	100	32	209	100	32
7649-7648	619697	309466	619967	309434	214	100	45	210	100	45	213	213	45	205	100	45	209	100	45
7688-2400	617381	307598	617360	307784	386	2	23	757	1.5	23	764	11.46	23	1671	1.3	23	1691	1.3	23
7704-2038	615336	310959	615574	310956	3603	12	29	3613	12.2	29	3623	438.38	29	3796	12.1	29	3804	12.1	29
7707-1637	619925	310098	619649	309928	12058	0	29	13420	0	28	12766	0	29	13552	0	29	12788	0	29
7707-1638	619925	310098	620055	310461	12058	0	29	13545	0	24	12857	0	25	13776	0	22	12916	0	24
7710-2537	610664	314382	610737	314343	224	1	20	211	16.9	19	Not applicable	Not applicable	Not applicable	200	17	18	Not applicable	Not applicable	Not applicable
7710-7709	610664	314382	610292	313880	2234	0	58	4431	0	58	189	0	59	5359	0	57	Not applicable	0	59
7711-7710	611050	315300	610664	314382	2277	0	59	4416	0	58	189	0	60	5311	0	58	Not applicable	0	60
7712-2425	612344	312698	612286	312761	418	0	11	425	0.1	11	543	0	11	415	0.1	11	Not applicable	0	11
7712-3623	612344	312698	613450	314034	766	0	39	2365	0	39	569	0	39	4169	0	38	Not applicable	0	39
7712-7708	612344	312698	613311	311940	66	0	36	64	0.5	36	63	0	36	67	0.9	36	Not applicable	0	36
7713-2425	611425	313642	612286	312761	168	0	35	124	0.5	35	Not applicable	Not applicable	Not applicable	130	0.9	35	Not applicable	Not applicable	Not applicable
7714-2537	611492	314606	610737	314343	99	3	35	136	25.7	35	Not applicable	Not applicable	Not applicable	162	20.1	35	Not applicable	Not applicable	Not applicable
7714-3623	611492	314606	613450	314034	99	3	36	136	25.6	36	Not applicable	Not applicable	Not applicable	165	19.7	36	Not applicable	Not applicable	Not applicable
7714-7711	611492	314606	611050	315300	Not applicable	Not applicable	Not applicable	1	0	37	Not applicable	Not applicable	Not applicable	3	0	37	Not applicable	Not applicable	Not applicable
7716-7711	611032	315488	611050	315300	2277	0	55	4417	0	53	189	0	55	5315	0	53	223	0	55
7717-7709	610230	313787	610292	313880	2277	0	43	4480	0	43	189	0	46	5452	0	42	223	0	45
7718-2578	607888	312922	608031	312839	143	0	24	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable



AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
7718-2579	608031	312839	607884	312881	24708	5	50	4299	1.5	70	6470	64.7	68	4421	1.5	70	6880	1	68
7719-2579	607184	313039	607884	312881	24187	5	62	3591	1.7	84	5299	63.59	83	3782	1.7	84	5790	1.1	83
7721-7718	608780	312600	608031	312839	24851	5	63	4299	1.5	85	6470	64.7	84	4421	1.5	85	6880	1	84
7722-2568	607490	313027	607622	313248	2391	0	35	2161	0.3	35	1698	6.79	35	2325	0.3	35	1613	0.5	35
7722-2578	607490	313027	607888	312922	663	0	36	708	0.4	36	1171	3.51	36	639	0.2	36	1090	0.1	36
7722-7719	607490	313027	607184	313039	1727	0	31	1453	0.3	36	526	3.68	36	1687	0.4	36	523	1.2	36
7723-2157	611660	316168	612365	317000	2830	0	46	4555	0	44	459	0	47	5373	0	40	498	0	47
7723-2159	611660	316168	611742	315965	279	0	27	844	0	25	304	0	28	1338	0	24	306	0	28
7723-2563	611660	316168	611423	315910	2550	0	24	3711	0	19	156	0	30	4085	0	17	191	0	30
7724-2418	610324	318235	609921	318408	15456	4	42	12714	3.9	43	12234	428.19	43	15719	3.5	42	14278	3	43
7724-2419	610324	318235	610487	318156	13499	3	62	12139	3.6	62	11336	430.77	62	15386	3.3	62	13141	2.7	62
7725-7723	610098	317147	611660	316168	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	51	0	48	Not applicable	Not applicable	Not applicable
7725-7724	610098	317147	610324	318235	4260	7	55	3121	4.5	56	1030	101.97	58	3969	4	52	801	10.5	58
7726-7716	609540	315580	611032	315488	359	0	36	48	0	36	53	0	37	35	0	36	38	0	37
7726-7725	609540	315580	610098	317147	4260	7	62	3121	4.5	62	1030	101.97	63	3917	4	62	801	10.5	64
7727-2713	608850	315440	608695	315575	191	2	28	12	2.4	29	40	34.36	30	5	5.4	29	60	94.5	29
7727-7726	608850	315440	609540	315580	4620	6	62	3170	4.4	63	1084	101.9	64	3951	4	62	837	10	64
7728-7727	609010	315310	608850	315440	4811	6	34	3182	4.4	34	1124	137.13	34	3957	4	34	897	15.7	34
7729-7710	609730	314630	610664	314382	181	2	46	194	18.4	46	N/A	N/A	N/A	151	22.4	46	Not applicable	Not applicable	Not applicable
7729-7728	609730	314630	609010	315310	2913	10	59	1778	8.4	59	740	0	60	2343	7.1	59	553	0	60
7730-7717	609630	314020	610230	313787	2917	10	63	1635	10.1	63	740	0	64	2236	8	63	553	0	64
7730-7721	609630	314020	608780	312600	184	0	32	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
7730-7729	609630	314020	609730	314630	2732	11	58	1635	10.1	58	740	0	59	2236	8	58	553	0	59

AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
7731-2568	608350	314730	607622	313248	2038	0	53	1611	0	52	726	0	57	1841	0	53	703	0	58
7731-7728	608350	314730	609010	315310	2344	6	56	1817	7.5	56	533	136.98	56	2018	7	56	495	28.5	56
7733-7732	606630	315400	606710	314830	2019	3	60	4555	2.2	59	4419	128.15	59	4958	2.1	59	4856	3.1	59
7734-7732	606170	313730	606710	314830	2019	3	61	4555	2.2	57	4419	128.15	57	4958	2.1	57	4856	3.1	57
7735-2501	605300	313790	604924	313768	2705	2	55	4204	1.3	55	3873	73.59	55	3902	1.4	55	3546	2.1	55
7735-2599	605300	313790	605338	313572	4099	2	49	5353	1.6	46	4779	90.8	46	5116	1.7	46	4458	2.5	46
7735-7734	605300	313790	606170	313730	2019	3	60	2235	2.7	59	1902	85.59	59	2201	2.8	59	1861	5.8	59
7737-3630	617690	315290	617400	315548	3705	2	59	6365	1	58	6028	54.25	58	7609	0.9	56	7331	1.5	56
7737-7002	617690	315290	617880	315138	8509	1	51	10520	0.6	47	10359	62.15	47	11183	0.6	45	11180	1.1	45
7739-7000	616400	314990	615897	314800	762	6	29	1123	4.3	29	721	47.59	29	1476	3.2	28	716	6.7	29
7742-3638	616681	316198	616983	315911	3668	3	63	4104	2.6	63	3867	108.28	63	5303	1.9	63	4933	3.4	63
7743-2420	615705	314928	615841	314839	13713	1	36	13335	1.3	22	14526	246.94	22	13071	1.3	22	15073	1.6	21
7743-2436	615705	314928	615774	315271	10125	1	38	12459	0.4	32	10340	41.36	32	13041	0.4	32	10163	0.3	32
7743-2444	615705	314928	615616	314669	5807	1	37	4494	1.2	23	2711	54.22	24	5276	1	22	2470	2.2	25
7744-1130	616041	316484	615033	316884	2640	3	64	3051	2.7	64	2956	91.64	64	3706	2.2	64	3889	4	63
7744-2493	616041	316484	616031	316419	3983	1	30	2887	0.8	28	6748	67.48	28	3646	0.6	28	7658	1.1	28
7744-7742	616041	316484	616681	316198	3462	3	63	4104	2.6	62	3867	108.28	62	5303	1.9	61	4933	3.4	61
7745-7742	617332	318368	616681	316198	206	0	35	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
7746-2044	615330	314273	616045	313880	865	5	38	2159	2	37	1410	43.71	37	1979	2.2	37	1131	3.9	37
7746-2050	615330	314273	614051	313760	5289	0	49	2613	0	46	618	0	46	4459	0	44	661	0	46
7746-6953	615330	314273	615551	314511	5001	1	29	3775	1.2	31	1673	43.5	31	4815	0.9	31	1438	3	31
7749-2537	611391	313697	610737	314343	125	0	35	76	0.8	35	Not applicable	Not applicable	Not applicable	38	3.2	35	Not applicable	Not applicable	Not applicable
7750-7709	611374	313652	610292	313880	43	0	35	48	0	35	Not applicable	Not applicable	Not applicable	92	0	35	Not applicable	Not applicable	Not applicable

AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
7751-1118	616340	317717	614933	317128	1046	2	49	909	2.5	49	452	22.6	49	872	2.3	49	477	4.7	49
7751-7744	616340	317717	616041	316484	4170	1	46	3238	0.8	47	7040	70.4	45	4514	0.6	46	8134	1	42
7751-7745	616340	317717	617332	318368	4977	1	48	3906	1.2	48	7242	94.15	47	5122	0.9	47	8341	1.3	46
7753-3629	617215	314285	616875	314223	2341	0	28	2572	0.3	28	2104	0	28	2715	1	28	1952	0.2	28
7754-4669	616650	313550	617190	313340	1244	0	39	1492	0.1	39	1110	1.11	39	1919	0	39	1093	0.1	39
7754-4670	616650	313550	616730	313840	3303	0	19	3252	0.2	19	3267	6.53	19	3160	0.2	19	3184	0.2	19
7754-6951	616650	313550	616323	313811	2782	0	39	2714	0.2	39	2475	4.95	39	3067	0.2	39	2426	0.2	39
7756-4004	614619	317031	613142	318137	2392	4	49	2756	3.8	49	2518	100.72	49	3297	3	49	3375	4.8	49
7756-4647	614619	317031	612980	316826	866	0	48	759	0	48	482	12.05	48	812	0	48	545	2.9	47
7758-7510	607009	313074	606010	313580	25415	5	63	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
7758-7719	607009	313074	607184	313039	25915	5	41	5044	1.3	66	5825	69.9	66	5470	1.3	66	6313	1.1	66
7758-7734	607009	313074	606170	313730	Not applicable	Not applicable	Not applicable	3594	1.4	80	3224	48.36	80	3893	1.3	80	3689	1.3	80
7759-7758	606447	312638	607009	313074	500	1	33	1531	1.2	38	2685	18.8	38	1669	1.2	38	2731	0.8	37
7761-2516	608775	311294	609636	311188	3961	2	64	778	4	65	590	31.27	65	756	4.1	65	532	5.9	65
7761-2566	608775	311294	607917	311281	3993	2	61	778	4	63	590	31.27	63	756	4.1	63	532	5.9	63
7761-7721	608775	311294	608780	312600	33	0	33	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
7789-3622	613994	315986	613269	316517	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	14473	492.08	64	Not applicable	Not applicable	Not applicable	16471	2.5	58
7789-7890	613486	315574	613994	315986	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	14642.19	349.84	71.54	Not applicable	Not applicable	Not applicable	19383.71	2.03	56.65
7789-9137	614655	315422	613994	315986	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	16564.83	463.65	70.76	Not applicable	Not applicable	Not applicable	22182.88	2.31	67.71
7800-2609	618285	305290	616906	304148	26063	3	105	35733	2.6	93	35960	899	93	Not applicable	Not applicable	Not applicable	43155	2.1	78
7801-2750	618344	305426	618337	305444	Not applicable	Not applicable	Not applicable	30842	3	35	30953	928.59	35	Not applicable	Not applicable	Not applicable	30485	2.4	35
7801-7800	618285	305290	618344	305426	25245	4	16	19164	3.5	23	19455	661.47	23	Not applicable	Not applicable	Not applicable	20818	2.3	23
7802-2750	618337	305444	618320	305460	Not applicable	Not applicable	Not applicable	23791	3.3	6	23982	791.41	6	Not applicable	Not applicable	Not applicable	23651	2.5	6

AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
7803-3019	618343	305493	618246	305739	10481	3	55	12969	2.8	50	13707	370.09	49	Not applicable	Not applicable	Not applicable	16354	2.4	41
7803-7802	618320	305460	618343	305493	36294	3	36	32296	2.9	37	32532	943.43	37	Not applicable	Not applicable	Not applicable	31478	2.3	37
7804-3020	618265	305757	618396	305595	10521	3	72	13753	2.7	64	14384	388.37	63	Not applicable	Not applicable	Not applicable	15365	2	60
7805-7803	618343	305493	618457	305556	25813	3	22	19327	2.9	17	18825	564.75	17	Not applicable	Not applicable	Not applicable	15124	2.3	18
7805-7804	618396	305595	618457	305556	10521	3	8	13753	2.7	13	14384	388.37	13	14324	1.9	12	15365	2	12
7806-2753	618956	305551	618611	305542	Not applicable	Not applicable	Not applicable	21117	2.7	64	21005	567.14	64	19425	2.7	64	19039	2.8	64
7806-5099	618611	305542	618938	305568	33602	4	56	21930	3.2	47	21265	680.48	48	15025	2.3	28	15076	2.4	28
7806-7805	618457	305556	618611	305542	17607	5	45	21930	3.2	61	21265	680.48	61	15025	2.3	61	15076	2.4	61
7807-3031	618493	305464	618606	305247	15221	2	49	6766	1.9	58	7012	126.22	58	5097	2.6	59	5338	2.6	59
7807-7805	618457	305556	618493	305464	18726	2	22	11150	2.2	15	11944	262.77	15	14471	1.9	14	15412	1.9	14
7807-7806	618611	305542	618493	305464	15995	3	20	21116	2.7	25	21005	567.14	25	19426	2.7	25	19039	2.8	26
7808-2612	618534	305288	618487	305344	18057	3	54	21910	2.2	40	21521	473.46	41	23931	2	36	23712	2.1	37
7809-7800	618391	305410	618285	305290	Not applicable	Not applicable	Not applicable	18546	2.7	52	19161	498.19	52	22337	2.2	44	22983	2.1	43
7809-7801	618391	305410	618344	305426	11496	3	12	11677	2.2	11	11497	252.93	11	9905	2.6	11	9667	2.7	11
7809-7807	618493	305464	618391	305410	19501	3	19	25499	2.7	25	25937	700.3	25	28797	2.3	24	29112	2.3	24
7809-7808	618487	305344	618391	305410	18057	3	16	4724	1.4	10	4722	66.11	10	3446	1.9	10	3538	1.9	10
7813-7800	618392	305398	618285	305290	Not applicable	Not applicable	Not applicable	17187	2.4	40	16799	403.18	40	20485	2.1	35	20174	2.1	35
7813-7808	618487	305344	618392	305398	Not applicable	Not applicable	Not applicable	17187	2.4	60	16799	403.18	60	20485	2.1	60	20174	2.1	60
7890-7789	613486	315574	613994	315986	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	14642.19	349.84	71.54	Not applicable	Not applicable	Not applicable	19383.71	2.03	56.65
7890-7891	612745	314941	613486	315574	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	14642.19	349.84	109.68	Not applicable	Not applicable	Not applicable	19383.71	2.03	108.9
7891-7890	612745	314941	613486	315574	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	14642.19	349.84	109.68	Not applicable	Not applicable	Not applicable	19383.71	2.03	108.9
7891-7892	611612	313870	612745	314941	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	14642.19	349.84	109.68	Not applicable	Not applicable	Not applicable	19383.65	2.03	108.9
7892-7891	611612	313870	612745	314941	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	14642.19	349.84	109.68	Not applicable	Not applicable	Not applicable	19383.65	2.03	108.9

AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
7892-7893	610279	312772	611612	313870	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	14642.26	349.84	109.68	Not applicable	Not applicable	Not applicable	19383.65	2.03	108.9
7893-7892	610279	312772	611612	313870	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	14642.26	349.84	109.68	Not applicable	Not applicable	Not applicable	19383.65	2.03	108.9
7893-8100	609763	312336	610279	312772	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	14642.26	349.84	109.68	Not applicable	Not applicable	Not applicable	19383.65	2.03	108.9
7900-2710	618187	305603	618212	305556	7169	2	28	9363	1.6	28	9371	149.94	28	8528	1.8	28	8609	1.8	28
7900-5105	618212	305556	618178	305548	4517	3	36	3907	3.3	36	3886	128.24	36	3630	3.6	36	3623	3.6	36
7901-5105	618186	305482	618178	305548	6203	0	23	4944	0.4	24	4900	19.6	25	5273	0.4	25	5069	0.4	25
7906-2750	618337	305444	618247	305508	Not applicable	Not applicable	Not applicable	7051	2	36	6972	146.41	36	6841	2.1	36	6834	2.1	36
7906-7802	618247	305508	618320	305460	10339	2	18	8430	0.8	9	8475	67.8	9	7621	1	10	7750	1	10
7906-7900	618247	305508	618212	305556	7797	2	35	11480	1.7	36	11540	196.18	36	10418	2	36	10589	2	36
7906-7901	618247	305508	618186	305482	2542	1	20	4001	0.4	20	3907	15.63	20	4044	0.4	20	3994	0.4	20
7912-7751	616158	318130	616340	317717	352	2	33	345	2.4	33	347	8.33	33	362	2.2	33	363	2.2	32
7913-2532	605400	313660	605154	313670	1475	2	63	1420	1.5	61	1050	14.7	61	1401	1.4	60	995	1.5	58
7913-2592	605640	313594	605400	313660	1121	1	87	2431	0.8	86	2394	19.15	86	2280	0.9	86	2483	0.8	86
7913-2599	605400	313660	605338	313572	2596	2	61	3851	1	48	3444	34.44	44	3681	1.1	49	3478	1	43
7920-1642	619995	311530	619851	311308	7822	0	37	8010	0.5	34	8009	48.05	34	9032	0.6	34	9188	0.7	34
7930-3620	611170	315683	611288	315870	2551	0	47	4372	0	46	159	0	44	5267	0	46	197	0	43
7930-7716	611170	315683	611032	315488	2636	0	43	4465	0	42	242	0	43	5349	0	42	261	0	43
7931-7930	610968	315825	611170	315683	379	0	44	355	0	44	356	0	44	340	0	44	342	0	45
7955-7901	618131	305411	618186	305482	2981	0	32	3110	0	34	2937	0	34	3418	0	33	3134	0	33
7963-7901	618260	305430	618186	305482	5897	1	5	5923	0.6	5	5927	35.56	5	5955	0.6	5	5968	0.6	5
7990-3009	611964	311212	615365	310766	Not applicable	Not applicable	Not applicable	21611	4.3	107	21794	675.61	107	23670	4	107	25549	2.9	105
8100-2590	609659	312247	609763	312336	Not applicable	Not applicable	Not applicable	4387	3.5	40	16915	422.88	37	5303	3	40	21724	2.1	36
8100-7893	609763	312336	610279	312772	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	14642.26	349.84	109.68	Not applicable	Not applicable	Not applicable	19383.65	2.03	108.9

AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
8101-8100	609763	312336	609779	312303	Not applicable	Not applicable	Not applicable	4387	3.5	37	14384	388.37	34	Not applicable	3	37	19383	2.2	33
8102-8101	609779	312303	609749	312278	Not applicable	Not applicable	Not applicable	1637	2.6	35	7836	282.1	34	2381	2	35	10343	3	33
8103-2590	609715	312306	609659	312247	Not applicable	Not applicable	Not applicable	4839	2.5	36	16459	395.02	33	5805	2.2	36	21046	2.1	32
8103-8102	609749	312278	609715	312306	Not applicable	Not applicable	Not applicable	3074	2.4	33	9604	144.06	31	3644	2.2	33	12377	1.5	31
8104-8102	609742	312180	609749	312278	Not applicable	Not applicable	Not applicable	4711	2.5	32	14661	425.17	31	6025	2.1	32	20275	2.4	31
8105-2533	609763	312143	609720	312171	Not applicable	Not applicable	Not applicable	4334	2.4	38	13268	344.97	37	5493	2.1	37	18171	2.2	36
8105-8104	609742	312180	609763	312143	Not applicable	Not applicable	Not applicable	1637	2.6	35	6446	277.18	35	2381	2	35	9121	3.4	34
8107-2533	609720	312171	609712	312148	Not applicable	Not applicable	Not applicable	4519	2.5	40	13930	376.11	40	5711	2.1	40	19141	2.3	40
8108-8104	609711	312170	609742	312180	Not applicable	Not applicable	Not applicable	3074	2.4	37	8215	139.66	36	3644	2.2	37	11154	1.6	35
8108-8107	609712	312148	609711	312170	Not applicable	Not applicable	Not applicable	4519	2.5	35	13930	376.11	34	5711	2.1	35	19141	2.3	33
8109-7510	609464	312296	606010	313580	Not applicable	Not applicable	Not applicable	19130	3.6	109	21201	720.83	108	22502	3	108	25211	2.9	107
8109-8108	609711	312170	609464	312296	Not applicable	Not applicable	Not applicable	1445	2.6	73	5715	240.03	70	2068	1.8	72	7987	3.2	66
8302-3140	622584	314823	622542	314840	Not applicable	Not applicable	Not applicable	17353	3.5	26	18178	636.23	26	21314	3.1	26	22149	3	26
8302-8301	622542	314840	621207	314166	22115	4	106	33442	3.3	104	35492	1171.24	104	40178	3.3	103	42080	3.2	102
8304-8303	624030	314213	623182	314221	22115	4	94	34980	3.3	91	36909	1218	91	43141	3.3	89	44726	3.2	89
8309-2062	625263	314702	625420	315240	17752	2	64	19571	1.8	62	19058	362.1	62	23273	1.6	57	22885	1.7	58
8325-8304	625158	314410	624030	314213	22115	4	94	34980	3.3	91	36909	1218	91	43141	3.3	89	44726	3.2	89
8325-8305	625158	314410	625168	314415	22115	4	69	34980	3.3	67	36909	1218	66	43141	3.3	63	44726	3.2	62
8327-8326	627196	313835	625262	314430	28901	4	110	37617	3.4	109	38648	1352.68	109	46169	3.4	108	46500	3.4	108
8702-8006	619541	314601	620182	314365	11352	3	107	17752	1.9	106	20101	482.42	105	21996	1.7	104	24205	2.1	102
8703-8301	620949	314198	621207	314166	11359	4	110	17034	3.2	110	18232	565.19	110	20579	3.5	110	21532	3.4	110
8703-8702	620182	314365	620949	314198	7461	3	108	10379	2.2	107	11988	275.72	107	12982	1.9	107	14537	1.9	107
8705-5093	620522	314059	620179	314342	4306	3	45	5562	2.4	45	6498	194.94	45	6326	2.5	45	7516	2.8	45

AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
8705-8006	620179	314342	619541	314601	11038	4	110	14544	3.2	110	16555	562.87	109	16910	2.7	109	19511	2.8	109
8707-8301	621207	314166	620949	314181	10756	4	105	16407	3.4	104	17260	604.1	104	19599	3.1	104	20548	2.9	104
8707-8705	620949	314181	620179	314342	6732	5	108	8982	3.8	107	10057	372.11	107	10583	2.8	107	11995	2.8	107
8802-3049	628602	308450	629702	308533	13071	2	108	15389	2	107	15083	301.66	107	17371	2.8	107	17051	2.7	107
8802-3057	629702	308533	629863	308539	19964	4	109	24895	3.1	107	24675	764.93	107	27818	2.9	105	27591	2.9	105
8908-8906	629223	308793	629155	308662	15443	4	43	22527	3.7	37	21739	826.08	38	27483	2.9	25	26822	2.9	30
8916-2359	629232	308419	629154	308416	10550	3	58	14688	2.5	59	14555	363.88	59	15924	2.1	60	15793	2.1	60
8916-3055	629232	308419	629541	308469	9465	3	41	13641	2.5	41	13496	337.4	41	14874	2.1	40	14738	2.1	40
8916-5134	629232	308419	629230	308138	1362	2	27	1399	2	26	1401	28.02	26	1374	2	26	1373	2.1	26
8916-6043	629232	308419	628770	308030	580	0	34	618	0.2	33	606	1.21	33	384	0.4	34	373	0.4	33
8927-4001	619082	314420	619000	314430	5580	1	47	5052	1.1	47	4987	59.84	47	4902	1.2	45	5005	2.2	44
8927-4005	619082	314420	618862	313824	7059	0	41	8982	0	39	7749	0	40	10095	0	38	8488	0	40
8931-2051	619132	314352	619425	313980	9947	1	58	10565	1.5	58	11232	280.8	58	11859	1.2	57	12544	2.1	56
8931-8927	619132	314352	619082	314420	9947	1	45	10565	1.5	40	11233	280.83	40	11859	1.2	39	12544	2.1	40
8933-3049	628602	308450	628913	308576	16448	3	75	19370	2.8	74	18984	531.55	74	22349	2	73	21728	1.9	73
8933-8908	628913	308576	629223	308793	11317	4	59	14575	3.6	56	14242	498.47	56	17298	2.4	54	16718	2.4	55
9001-2356	629070	308582	628927	308466	19186	3	65	24362	2.7	65	23608	637.42	65	28676	2.5	65	27846	2.5	65
9002-2359	628963	308388	629154	308416	10550	3	65	14688	2.5	65	14555	363.88	65	15924	2.1	65	15793	2.1	65
9002-3052	628963	308388	628851	308394	10550	3	13	14687	2.5	12	14555	363.88	12	15924	2.1	11	15793	2.1	11
9101-9003	614675	315422	614747	315429	8496	3	45	8461	2.7	45	19009	513.24	44	10542	2.5	45	23492	2	43
9102-9003	614736	315390	614675	315422	7710	3	44	7807	3	44	16565	463.82	43	9875	2.7	44	22183	2.3	43
9102-9101	614747	315429	614736	315390	8211	3	42	8470	2.8	43	16351	506.88	42	10700	2.6	43	21619	2.5	40
9103-3638	616992	315904	616983	315911	3668	3	29	4104	2.6	29	3867	108.28	28	5303	1.9	28	4933	3.4	26

AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
9103-8005	616993	315852	616992	315904	7901	3	29	13344	1.9	28	17612	440.3	28	16503	1.7	28	21047	1.9	28
9104-9103	616992	315904	617064	315890	8413	3	29	13838	1.8	29	18181	436.34	29	17446	1.6	29	22178	2.1	29
9105-3637	617048	315843	617055	315836	3144	1	34	5773	0.6	31	5705	28.53	33	7692	0.5	32	7087	1.1	35
9105-8005	617048	315843	616993	315852	7387	4	29	12547	2.1	29	15593	421.01	28	15934	1.8	28	19640	2.2	28
9105-9104	617064	315890	617048	315843	7686	4	29	12550	2.2	28	16049	433.32	28	16187	1.8	28	20734	2.3	28
9106-8930	619115	314821	619173	314845	14441	3	29	20725	2	29	23832	595.8	29	24812	1.8	29	27695	2.1	28
9107-9106	619173	314845	619194	314799	14791	2	28	21265	1.8	28	24289	582.94	28	26420	1.6	28	29276	1.9	28
9108-8930	619135	314773	619115	314821	13714	3	28	19437	2.2	28	21699	607.57	28	23553	2	28	26374	2.3	28
9108-9107	619194	314799	619135	314773	14477	4	29	18057	2.9	29	20743	663.78	29	21332	2.4	29	24582	2.4	29
9111-8700	620472	314384	620531	314436	14994	3	28	22854	2.4	28	23060	645.68	28	27206	2.6	23	27394	2.8	23
9112-8703	620545	314373	620949	314198	3897	5	45	6655	4.7	45	6244	299.71	45	7597	6.2	45	6994	6.4	45
9113-8700	620514	314358	620472	314384	11103	3	27	15482	2.8	27	14947	433.46	27	18192	3.1	27	17724	3	27
9113-9112	620545	314373	620514	314358	12273	2	26	16995	1.5	26	17645	352.9	26	17271	1.7	26	17884	2.1	26
9116-2052	620557	314077	620582	314063	12058	2	34	16532	1.6	34	17130	359.73	34	16263	1.8	34	16660	2.2	34
9116-5092	620582	314063	620579	314016	16083	2	35	23958	2	33	24333	583.99	33	25280	2.3	33	25215	2.5	33
9117-3140	622613	314844	622584	314823	Not applicable	Not applicable	Not applicable	17498	3.5	27	18337	641.8	27	21382	3.1	26	22210	3	26
9117-8303	622613	314844	623182	314221	22115	4	90	34980	3.3	87	36909	1218	87	43141	3.3	81	44726	3.2	80
9118-8305	625168	314415	625215	314466	20850	3	29	27572	2.8	29	28580	800.24	29	33163	3	29	33765	2.9	29
9119-8326	625248	314432	625262	314430	28901	4	65	37617	3.4	63	38647	1352.65	64	46168	3.4	60	46500	3.4	59
9119-9118	625215	314466	625248	314432	20232	3	28	26194	2.9	28	27036	811.08	28	32666	3	27	33258	3	27
9120-8305	625202	314385	625168	314415	20247	3	28	27090	3	28	27766	832.98	28	32995	2.7	27	33674	2.6	27
9120-9119	625248	314432	625202	314385	20984	3	29	26991	2.9	29	27531	825.93	29	33348	2.7	28	33892	2.6	28
9136-7743	614760	315362	615705	314928	8011	1	62	4196	1.9	47	5596	173.48	48	4478	1.9	45	6159	2.8	48



AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
9136-9102	614760	315362	614736	315390	8011	1	53	4196	1.9	55	5596	173.48	48	4479	1.9	56	6159	2.8	44
9137-3622	614655	315422	613269	316517	16206	3	67	16268	2.8	67	Not applicable	Not applicable	Not applicable	20416	2.6	63	Not applicable	Not applicable	Not applicable
9137-7789	614655	315422	613994	315986	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	16564.83	463.65	70.76	Not applicable	Not applicable	Not applicable	22182.88	2.31	67.71
9137-9003	614655	315422	614675	315422	16206	3	52	16268	2.8	52	35574	996.07	47	20416	2.6	52	45785	2.2	44
9138-9106	619179	314861	619173	314845	8454	3	32	10044	2.8	31	9743	282.55	31	11434	2.6	28	10979	2.6	27
9139-8927	619129	314757	619082	314420	13166	1	51	16157	1.1	49	15888	301.87	49	18881	0.9	46	17921	1.3	47
9139-9108	619129	314757	619135	314773	13166	1	34	16157	1.1	31	15888	301.87	31	18881	0.9	29	17921	1.3	30
9140-9138	619540	315185	619179	314861	8454	3	39	10044	2.8	38	9743	282.55	38	11434	2.6	37	10979	2.6	37
9142-8700	620466	314377	620472	314384	3891	3	7	7373	1.5	6	8113	210.94	6	9014	1.5	5	9668	2.4	5
9142-8702	620182	314365	620466	314377	3891	3	50	7373	1.5	50	8113	210.94	50	9014	1.5	50	9668	2.4	50
9143-2052	620515	314344	620557	314077	22947	2	45	31551	2.2	45	31563	789.08	45	33447	2.6	45	33161	2.7	45
9143-9113	620515	314344	620514	314358	22947	2	31	31551	2.2	31	31563	789.08	31	33447	2.6	29	33161	2.7	29
9144-5092	620584	314004	620579	314016	26736	3	33	36556	2.3	33	37390	972.14	33	38084	2.5	32	38759	2.7	31
9145-8302	622542	314840	622572	314901	11359	4	30	17980	3.2	30	19150	612.8	30	22294	3.5	30	23132	3.4	30
9145-9117	622572	314901	622613	314844	11359	4	28	17980	3.2	28	19150	612.8	28	22294	3.5	28	23132	3.4	28
9146-8309	625219	314478	625263	314702	17752	2	67	19571	1.8	65	19058	362.1	65	23273	1.6	61	22885	1.7	61
9146-9118	625219	314478	625215	314466	17752	2	35	19571	1.8	35	19058	362.1	35	23273	1.6	32	22885	1.7	32
9147-2100	625199	314370	625073	313768	11158	2	58	12586	2.2	56	13130	301.99	59	15555	1.9	53	16364	1.9	55
9147-9120	625199	314370	625202	314385	11158	2	36	12586	2.2	34	13130	301.99	33	15555	1.9	33	16364	1.9	32
9155-8005	616980	315847	616993	315852	11569	3	59	20528	1.9	59	28516	741.42	57	24736	1.8	59	34672	2.1	58
9155-8023	616980	315847	616529	315734	11569	3	110	20528	1.9	110	28516	741.42	110	24736	1.8	110	34672	2.1	110
9156-9104	617079	315888	617064	315890	13197	4	64	21957	2.2	64	29234	847.79	64	27913	1.9	63	36474	2.2	62
9157-8930	619103	314828	619115	314821	13197	4	58	21957	2.2	57	29234	847.79	56	27914	1.9	57	36474	2.2	57

AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
9158-8006	619204	314792	619541	314601	22390	4	105	32296	2.5	105	36656	1063.02	105	38906	2.2	106	43716	2.4	106
9158-9107	619204	314792	619194	314799	22390	4	56	32296	2.5	59	36656	1063.02	59	38906	2.2	60	43716	2.4	59
9159-2098	620548	314460	621010	315190	19296	2	73	22951	1.8	68	21825	392.85	70	20856	2.1	69	20078	2.3	70
9159-9111	620548	314460	620531	314436	19296	2	33	22951	1.8	31	21825	392.85	31	20856	2.1	33	20078	2.3	33
9160-8707	620949	314181	620594	314072	4025	3	50	7426	3.1	50	7203	230.5	50	9016	3.3	50	8554	3.2	50
9160-9116	620594	314072	620582	314063	4025	3	10	7426	3.1	8	7203	230.5	8	9016	3.3	8	8554	3.2	8
9161-9004	615854	315736	615884	315759	8040	3	29	12795	1.7	29	21952	439.04	29	15320	1.6	29	26211	1.5	29
9162-9161	615884	315759	615905	315733	8276	2	28	12519	1.7	28	21613	432.26	28	15140	1.6	28	26416	1.6	28
9163-9004	615874	315709	615854	315736	7756	3	28	12802	1.8	28	19292	424.42	28	15476	1.7	28	24336	1.9	28
9163-9162	615905	315733	615874	315709	7761	3	28	11721	1.8	28	19593	411.45	28	14571	1.6	28	25009	1.8	28
9164-8022	615839	315737	614946	315491	8183	5	110	11989	3.2	110	29908	807.52	110	16009	2.8	110	39463	2.1	109
9164-9004	615839	315737	615854	315736	8183	5	60	11989	3.2	61	29908	807.52	56	16009	2.8	61	39463	2.1	57
9165-2442	615888	315773	615935	315949	4879	1	46	3633	0.7	45	7636	68.72	46	4359	0.5	46	8537	1	46
9165-9161	615888	315773	615884	315759	4879	1	29	3633	0.7	31	7636	68.72	30	4359	0.5	30	8537	1	28
9166-2438	615871	315695	615838	315547	7217	1	46	12531	0.5	46	14752	73.76	46	14289	0.4	46	17116	0.6	45
9166-9163	615871	315695	615874	315709	7217	1	30	12531	0.5	28	14752	73.76	29	14289	0.4	28	17116	0.6	29
9167-8022	614762	315432	614946	315491	8183	5	105	11989	3.2	105	29908	807.52	105	16009	2.8	105	39463	2.1	105
9167-9101	614762	315432	614747	315429	8183	5	57	11989	3.2	56	29908	807.52	59	16009	2.8	55	39463	2.1	56
9169-8908	629290	309079	629223	308793	26760	4	93	37102	3.7	93	35981	1331.3	93	44781	2.7	92	43541	2.7	92
9210-2351	615987	310587	615715	310653	27499	5	57	30241	4.5	58	26752	989.82	58	32661	4.1	58	29071	3.5	58
9210-2367	615987	310587	616290	310509	27694	5	43	29858	4.5	44	26480	979.76	46	32041	4.1	43	28509	3.5	45
9211-9210	615990	310387	615987	310587	3395	2	30	4115	2.1	28	4160	87.36	28	4072	2.3	28	4135	2.2	28
9220-9144	620981	313624	620584	314004	26736	3	64	36556	2.3	64	37390	972.14	64	38084	2.5	64	38759	2.7	64

AQ model LinkID	Traffic model A node X	Traffic model A node Y	Traffic model B node X	Traffic model B node Y	2019 total AADT	2019 %HDV	2019 speed (kph)	2029 DM total AADT	2029 DM %HDV	2029 DM speed (kph)	2029 DS total AADT	2029 DS %HDV	2029 DS speed (kph)	2044 DM total AADT	2044 DM %HDV	2044 DM speed (kph)	2044 DS total AADT	2044 DS %HDV	2044 DS speed (kph)
9222-9111	620531	314436	620567	314411	15578	3	26	23048	2.5	25	23376	654.53	25	23933	3.2	26	24079	3.4	26
9222-9112	620567	314411	620545	314373	16170	3	26	23650	2.4	25	23888	644.98	25	24868	3.1	25	24877	3.3	25
9222-9219	620567	314411	622444	314882	2019	1	35	6752	3.6	35	6774	243.86	35	13809	4.6	32	13783	4.6	32
9223-8023	615919	315733	616529	315734	11569	3	110	20528	1.9	110	28516	741.42	110	24736	1.8	110	34673	2.1	109
9223-9162	615919	315733	615905	315733	11569	3	64	20528	1.9	63	28516	741.42	64	24736	1.8	62	34673	2.1	62
9500-9156	617989	315490	617079	315888	13197	4	110	21957	2.2	110	29234	847.79	110	27913	1.9	110	36474	2.2	109
9500-9157	617989	315490	619103	314828	13197	4	110	21957	2.2	110	29234	847.79	110	27914	1.9	110	36474	2.2	109
9608-8802	629168	308618	629702	308533	6893	7	62	9509	4.8	61	9594	460.51	61	10444	3.2	61	10536	3.1	61
9608-8906	629155	308662	629168	308618	20438	4	27	24536	3.3	26	23843	786.82	27	28741	2.9	26	28104	2.8	26
9609-9001	629122	308611	629070	308582	19186	3	55	24362	2.7	52	23608	637.42	51	28676	2.5	52	27846	2.5	52
9609-9608	629168	308618	629122	308611	13545	2	28	15028	2.3	28	14249	327.73	28	18296	2.7	27	17567	2.7	27
9610-8906	629113	308637	629155	308662	10771	2	27	14129	2.3	28	14101	324.32	28	15430	1.6	27	15288	1.6	28
9610-8933	628913	308576	629113	308637	5131	0	27	4795	0.4	26	4742	18.97	26	5050	0.3	25	5010	0.3	25
9610-9609	629122	308611	629113	308637	5641	4	26	9334	3.2	26	9359	299.49	26	10379	2.2	26	10279	2.2	26
9981-2608	617027	304276	617745	304896	Not applicable	Not applicable	Not applicable	34419	3.2	91	34580	1071.98	91	39095	2.5	84	39656	2.4	83
9981-7800	617745	304896	618285	305290	Not applicable	Not applicable	Not applicable	19164	3.5	109	19455	661.47	109	20224	2.4	109	20818	2.3	109
9982-3031	618606	305247	618978	304912	Not applicable	Not applicable	Not applicable	24510	3	92	23770	689.33	94	27488	3.3	68	26629	3.1	73
9982-6036	618978	304912	620626	303752	Not applicable	Not applicable	Not applicable	39765	2.9	84	38894	1089.03	86	46260	3	71	45416	2.9	73
9986-9981	617745	304896	618830	305068	Not applicable	Not applicable	Not applicable	15256	2.7	60	15125	408.38	61	18871	2.5	49	18838	2.6	49
9986-9982	618830	305068	618978	304912	Not applicable	Not applicable	Not applicable	15256	2.7	46	15125	408.38	46	18810	2.5	35	18787	2.6	38
9994-2357	628852	308439	628765	308567	22043	2	42	24632	1.5	43	24468	367.02	43	26704	1.4	43	26342	1.4	43
9994-3052	628852	308439	628851	308394	22043	2	34	24632	1.5	31	24468	367.02	31	26704	1.4	31	26342	1.4	31