



Technical Appendix 11.3: ATC Surveys

Aultmore Wind Farm Redesign

Vattenfall Wind Power Ltd

Prepared by:

SLR Consulting Limited

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B9016

ATC

Flow Summary

Direction: Northbound

28/08/2023

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	8	4	3	1	0
01:00	1	0	0	1	0
02:00	2	0	2	0	0
03:00	5	2	0	3	0
04:00	2	0	0	0	2
05:00	5	3	1	1	0
06:00	36	24	10	2	0
07:00	69	42	23	1	3
08:00	88	62	21	2	3
09:00	83	52	26	3	2
10:00	78	55	18	2	3
11:00	83	58	22	1	2
12:00	66	50	11	4	1
13:00	90	65	23	2	0
14:00	62	39	17	2	4
15:00	96	62	27	5	2
16:00	99	73	24	0	2
17:00	106	87	18	0	1
18:00	74	65	8	0	1
19:00	43	30	9	1	3
20:00	31	14	16	0	1
21:00	37	17	17	0	3
22:00	11	6	5	0	0
23:00	4	3	1	0	0
Total					
12H(7-19)	994	710	238	22	24
16H(6-22)	1141	795	290	25	31
18H(6-24)	1156	804	296	25	31
24H(0-24)	1179	813	302	31	33
AM Peak	08:00	08:00	09:00	03:00	07:00
	88	62	26	3	3
PM Peak	17:00	17:00	15:00	15:00	14:00
	106	87	27	5	4

Paul Castle Associates

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	1	0	0	3
01:00	2	1	1	0	0
02:00	1	0	0	1	0
03:00	4	2	1	0	1
04:00	19	15	3	1	0
05:00	40	36	2	0	2
06:00	81	62	16	1	2
07:00	116	76	33	2	5
08:00	122	92	23	4	3
09:00	83	57	17	8	1
10:00	68	49	14	3	2
11:00	68	47	17	4	0
12:00	49	41	3	4	1
13:00	53	38	9	3	3
14:00	80	53	23	2	2
15:00	92	63	21	5	3
16:00	96	71	23	1	1
17:00	94	70	19	1	4
18:00	54	37	15	2	0
19:00	65	46	16	2	1
20:00	13	8	4	0	1
21:00	11	6	4	0	1
22:00	9	4	5	0	0
23:00	1	1	0	0	0
Total					
12H(7-19)	975	694	217	39	25
16H(6-22)	1145	816	257	42	30
18H(6-24)	1155	821	262	42	30
24H(0-24)	1225	876	269	44	36
AM Peak	08:00	08:00	07:00	09:00	07:00
	122	92	33	8	5
PM Peak	16:00	16:00	14:00	15:00	17:00
	96	71	23	5	4

Paul Castle Associates

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	12	5	3	1	3
01:00	3	1	1	1	0
02:00	3	0	2	1	0
03:00	9	4	1	3	1
04:00	21	15	3	1	2
05:00	45	39	3	1	2
06:00	117	86	26	3	2
07:00	185	118	56	3	8
08:00	210	154	44	6	6
09:00	166	109	43	11	3
10:00	146	104	32	5	5
11:00	151	105	39	5	2
12:00	115	91	14	8	2
13:00	143	103	32	5	3
14:00	142	92	40	4	6
15:00	188	125	48	10	5
16:00	195	144	47	1	3
17:00	200	157	37	1	5
18:00	128	102	23	2	1
19:00	108	76	25	3	4
20:00	44	22	20	0	2
21:00	48	23	21	0	4
22:00	20	10	10	0	0
23:00	5	4	1	0	0
Total					
12H(7-19)	1969	1404	455	61	49
16H(6-22)	2286	1611	547	67	61
18H(6-24)	2311	1625	558	67	61
24H(0-24)	2404	1689	571	75	69
AM Peak	08:00	08:00	07:00	09:00	07:00
	210	154	56	11	8
PM Peak	17:00	17:00	15:00	15:00	14:00
	200	157	48	10	6

Paul Castle Associates

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Class Summary

Direction: Northbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Tue 22 Aug 2023	1225	848	310	30	37
Wed 23 Aug 2023	1164	843	261	34	26
Thu 24 Aug 2023	1202	827	303	34	38
Fri 25 Aug 2023	1280	893	315	35	37
Sat 26 Aug 2023	883	648	187	34	14
Sun 27 Aug 2023	773	597	140	21	15
Mon 28 Aug 2023	1179	813	302	31	33
5 Day Ave.	1210	845	298	33	34
7 Day Ave.	1101	781	260	31	29

Direction: Southbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Tue 22 Aug 2023	1208	875	255	39	39
Wed 23 Aug 2023	1242	860	289	53	40
Thu 24 Aug 2023	1229	889	261	38	41
Fri 25 Aug 2023	1239	865	293	46	35
Sat 26 Aug 2023	871	595	205	39	32
Sun 27 Aug 2023	659	503	116	25	15
Mon 28 Aug 2023	1225	876	269	44	36
5 Day Ave.	1229	873	273	44	38
7 Day Ave.	1096	780	241	41	34

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Tue 22 Aug 2023	2433	1723	565	69	76
Wed 23 Aug 2023	2406	1703	550	87	66
Thu 24 Aug 2023	2431	1716	564	72	79
Fri 25 Aug 2023	2519	1758	608	81	72
Sat 26 Aug 2023	1754	1243	392	73	46
Sun 27 Aug 2023	1432	1100	256	46	30
Mon 28 Aug 2023	2404	1689	571	75	69
5 Day Ave.	2439	1718	572	77	72
7 Day Ave.	2197	1562	501	72	63

	Total Volume	LIGHT	OGV1	OGV2	BUS
Tue 22 Aug 2023	100.0%	69.2%	25.3%	2.4%	3.0%
Wed 23 Aug 2023	100.0%	72.4%	22.4%	2.9%	2.2%
Thu 24 Aug 2023	100.0%	68.8%	25.2%	2.8%	3.2%
Fri 25 Aug 2023	100.0%	69.8%	24.6%	2.7%	2.9%
Sat 26 Aug 2023	100.0%	73.4%	21.2%	3.9%	1.6%
Sun 27 Aug 2023	100.0%	77.2%	18.1%	2.7%	1.9%
Mon 28 Aug 2023	100.0%	69.0%	25.6%	2.6%	2.8%
5 Day Ave.	100.0%	69.8%	24.6%	2.7%	2.8%
7 Day Ave.	100.0%	71.0%	23.6%	2.8%	2.6%

	Total Volume	LIGHT	OGV1	OGV2	BUS
Tue 22 Aug 2023	100.0%	72.4%	21.1%	3.2%	3.2%
Wed 23 Aug 2023	100.0%	69.2%	23.3%	4.3%	3.2%
Thu 24 Aug 2023	100.0%	72.3%	21.2%	3.1%	3.3%
Fri 25 Aug 2023	100.0%	69.8%	23.6%	3.7%	2.8%
Sat 26 Aug 2023	100.0%	68.3%	23.5%	4.5%	3.7%
Sun 27 Aug 2023	100.0%	76.3%	17.6%	3.8%	2.3%
Mon 28 Aug 2023	100.0%	71.5%	22.0%	3.6%	2.9%
5 Day Ave.	100.0%	71.1%	22.3%	3.6%	3.1%
7 Day Ave.	100.0%	71.2%	22.0%	3.7%	3.1%

	Total Volume	LIGHT	OGV1	OGV2	BUS
Tue 22 Aug 2023	100.0%	70.8%	23.2%	2.8%	3.1%
Wed 23 Aug 2023	100.0%	70.8%	22.9%	3.6%	2.7%
Thu 24 Aug 2023	100.0%	70.6%	23.2%	3.0%	3.2%
Fri 25 Aug 2023	100.0%	69.8%	24.1%	3.2%	2.9%
Sat 26 Aug 2023	100.0%	70.9%	22.3%	4.2%	2.6%
Sun 27 Aug 2023	100.0%	76.8%	17.9%	3.2%	2.1%
Mon 28 Aug 2023	100.0%	70.3%	23.8%	3.1%	2.9%
5 Day Ave.	100.0%	70.4%	23.4%	3.1%	3.0%
7 Day Ave.	100.0%	71.1%	22.8%	3.3%	2.8%

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B9016 ATC

(0-24) Speed Summary

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Tue 22 Aug 2023	1225	62.7	52.8	9.6	0	2	7	23	45	133	247	344	238	131	34	21
Wed 23 Aug 2023	1164	60.5	52.0	8.2	0	1	2	22	48	135	231	338	245	126	12	4
Thu 24 Aug 2023	1202	61.7	52.3	9.1	0	2	8	20	48	134	228	362	249	112	23	16
Fri 25 Aug 2023	1280	61.6	52.1	9.1	0	2	5	19	56	166	259	374	217	141	25	16
Sat 26 Aug 2023	883	60.0	51.7	8.0	0	1	2	20	41	95	184	239	209	82	10	0
Sun 27 Aug 2023	773	59.6	50.9	8.4	0	2	6	18	31	104	171	232	133	65	9	2
Mon 28 Aug 2023	1179	61.3	52.0	9.0	0	2	5	24	44	150	244	342	221	108	27	12
5 Day Ave.	1210	61.6	52.2	9.0	0	2	5	22	48	144	242	352	234	124	24	14
7 Day Ave.	1101	61.1	52.0	8.8	0	2	5	21	45	131	223	319	216	109	20	10

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Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Tue 22 Aug 2023	1208	63.8	54.6	8.8	0	3	3	0	18	119	198	347	255	218	32	15
Wed 23 Aug 2023	1242	61.9	53.8	7.8	0	1	4	2	18	121	216	379	280	199	20	2
Thu 24 Aug 2023	1229	62.9	54.2	8.4	0	3	3	0	18	125	215	358	251	224	23	9
Fri 25 Aug 2023	1239	63.0	54.1	8.5	0	3	2	0	17	136	236	329	255	225	28	8
Sat 26 Aug 2023	871	60.8	53.1	7.4	0	1	4	2	12	96	147	291	201	107	9	1
Sun 27 Aug 2023	659	61.5	52.9	8.3	0	2	3	0	12	98	114	188	139	89	13	1
Mon 28 Aug 2023	1225	63.4	54.4	8.7	0	3	3	0	16	123	210	358	243	229	28	12
5 Day Ave.	1229	63.0	54.2	8.4	0	3	3	0	17	125	215	354	257	219	26	9
7 Day Ave.	1096	62.5	53.9	8.3	0	2	3	1	16	117	191	321	232	184	22	7

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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Tue 22 Aug 2023	2433	63.3	53.7	9.3	0	5	10	23	63	252	445	691	493	349	66	36
Wed 23 Aug 2023	2406	61.3	53.0	8.0	0	2	6	24	66	256	447	717	525	325	32	6
Thu 24 Aug 2023	2431	62.4	53.3	8.8	0	5	11	20	66	259	443	720	500	336	46	25
Fri 25 Aug 2023	2519	62.3	53.1	8.9	0	5	7	19	73	302	495	703	472	366	53	24
Sat 26 Aug 2023	1754	60.5	52.4	7.8	0	2	6	22	53	191	331	530	410	189	19	1
Sun 27 Aug 2023	1432	60.5	51.8	8.4	0	4	9	18	43	202	285	420	272	154	22	3
Mon 28 Aug 2023	2404	62.5	53.2	8.9	0	5	8	24	60	273	454	700	464	337	55	24
5 Day Ave.	2439	62.4	53.3	8.8	0	4	8	22	66	268	457	706	491	343	50	23
7 Day Ave.	2197	61.8	52.9	8.6	0	4	8	21	61	248	414	640	448	294	42	17

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B9016 ATC

(10 - 12) Speed Summary

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Tue 22 Aug 2023	158	58.1	50.6	7.2	0	0	1	0	6	27	41	44	27	11	1	0
Wed 23 Aug 2023	179	58.4	51.0	7.2	0	0	1	0	6	29	43	55	30	14	1	0
Thu 24 Aug 2023	158	57.4	50.2	6.9	0	0	1	0	5	28	47	43	22	12	0	0
Fri 25 Aug 2023	179	58.1	50.7	7.2	0	0	1	0	6	29	56	41	29	17	0	0
Sat 26 Aug 2023	155	58.7	50.7	7.7	0	0	1	0	7	25	45	35	30	9	3	0
Sun 27 Aug 2023	164	57.5	50.2	7.0	0	0	1	0	6	33	40	50	21	13	0	0
Mon 28 Aug 2023	161	57.8	50.6	6.9	0	0	1	0	2	25	59	36	25	12	1	0
5 Day Ave.	167	57.9	50.6	7.1	0	0	1	0	5	28	49	44	27	13	1	0
7 Day Ave.	165	58.0	50.6	7.2	0	0	1	0	5	28	47	43	26	13	1	0

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Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Tue 22 Aug 2023	140	60.5	51.9	8.3	0	0	3	0	2	22	26	41	29	15	2	0
Wed 23 Aug 2023	154	59.3	52.0	7.1	0	0	2	0	1	24	25	49	41	12	0	0
Thu 24 Aug 2023	143	61.8	52.5	8.9	0	0	3	0	2	27	19	37	30	23	2	0
Fri 25 Aug 2023	136	58.1	50.3	7.5	0	0	2	0	4	28	30	38	23	11	0	0
Sat 26 Aug 2023	126	58.3	50.9	7.2	0	0	2	0	1	29	14	45	28	7	0	0
Sun 27 Aug 2023	117	57.9	49.4	8.2	0	0	3	0	3	38	13	29	25	5	1	0
Mon 28 Aug 2023	136	59.0	51.2	7.5	0	0	3	0	4	18	25	43	35	8	0	0
5 Day Ave.	142	59.7	51.6	7.8	0	0	3	0	3	24	25	42	32	14	1	0
7 Day Ave.	136	59.3	51.2	7.8	0	0	3	0	2	27	22	40	30	12	1	0

Paul Castle Associates

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Tue 22 Aug 2023	298	59.3	51.2	7.8	0	0	4	0	8	49	67	85	56	26	3	0
Wed 23 Aug 2023	333	58.8	51.4	7.1	0	0	3	0	7	53	68	104	71	26	1	0
Thu 24 Aug 2023	301	59.6	51.3	8.0	0	0	4	0	7	55	66	80	52	35	2	0
Fri 25 Aug 2023	315	58.1	50.5	7.3	0	0	3	0	10	57	86	79	52	28	0	0
Sat 26 Aug 2023	281	58.5	50.8	7.5	0	0	3	0	8	54	59	80	58	16	3	0
Sun 27 Aug 2023	281	57.7	49.9	7.6	0	0	4	0	9	71	53	79	46	18	1	0
Mon 28 Aug 2023	297	58.3	50.9	7.2	0	0	4	0	6	43	84	79	60	20	1	0
5 Day Ave.	309	58.8	51.1	7.5	0	0	4	0	8	51	74	85	58	27	1	0
7 Day Ave.	301	58.6	50.9	7.5	0	0	4	0	8	55	69	84	56	24	2	0

Paul Castle Associates

B9016 ATC

(14 -16) Speed Summary

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Tue 22 Aug 2023	175	60.7	51.5	8.9	0	0	0	6	3	29	41	46	30	14	4	2
Wed 23 Aug 2023	169	60.2	51.4	8.5	0	0	0	5	5	27	35	49	31	12	4	1
Thu 24 Aug 2023	155	62.0	52.7	9.0	0	0	0	3	3	23	25	52	30	11	6	2
Fri 25 Aug 2023	164	59.8	51.3	8.2	0	0	0	4	4	31	30	47	31	13	4	0
Sat 26 Aug 2023	123	58.2	50.3	7.6	0	0	0	3	3	23	37	25	21	10	1	0
Sun 27 Aug 2023	123	59.1	51.3	7.5	0	0	0	4	2	18	25	40	23	10	1	0
Mon 28 Aug 2023	158	62.4	51.7	10.3	0	0	0	10	4	27	27	39	28	14	7	2
5 Day Ave.	164	61.0	51.7	9.0	0	0	0	6	4	27	32	47	30	13	5	1
7 Day Ave.	152	60.3	51.4	8.6	0	0	0	5	3	25	31	43	28	12	4	1

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Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Tue 22 Aug 2023	183	62.5	53.4	8.8	0	1	0	0	4	26	32	48	36	32	3	1
Wed 23 Aug 2023	170	61.8	53.6	7.8	0	1	0	0	3	13	36	47	43	24	3	0
Thu 24 Aug 2023	180	62.4	53.2	8.9	0	1	0	0	4	30	29	46	31	37	1	1
Fri 25 Aug 2023	202	60.1	51.8	8.0	0	1	0	0	6	34	47	45	39	30	0	0
Sat 26 Aug 2023	164	62.2	54.1	7.9	0	1	0	0	3	13	29	43	46	27	2	0
Sun 27 Aug 2023	147	61.2	52.6	8.3	0	1	0	0	2	26	24	44	22	28	0	0
Mon 28 Aug 2023	172	61.2	52.5	8.4	0	1	0	0	4	24	36	52	26	27	1	1
5 Day Ave.	181	61.6	52.9	8.4	0	1	0	0	4	25	36	48	35	30	2	1
7 Day Ave.	174	61.6	53.0	8.3	0	1	0	0	4	24	33	46	35	29	1	0

Paul Castle Associates

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Tue 22 Aug 2023	358	61.7	52.5	8.9	0	1	0	6	7	55	73	94	66	46	7	3
Wed 23 Aug 2023	339	61.1	52.5	8.3	0	1	0	5	8	40	71	96	74	36	7	1
Thu 24 Aug 2023	335	62.2	53.0	8.9	0	1	0	3	7	53	54	98	61	48	7	3
Fri 25 Aug 2023	366	60.0	51.6	8.1	0	1	0	4	10	65	77	92	70	43	4	0
Sat 26 Aug 2023	287	60.7	52.5	8.0	0	1	0	3	6	36	66	68	67	37	3	0
Sun 27 Aug 2023	270	60.2	52.0	8.0	0	1	0	4	4	44	49	84	45	38	1	0
Mon 28 Aug 2023	330	61.8	52.1	9.4	0	1	0	10	8	51	63	91	54	41	8	3
5 Day Ave.	346	61.3	52.3	8.7	0	1	0	6	8	53	68	94	65	43	7	2
7 Day Ave.	326	61.1	52.3	8.5	0	1	0	5	7	49	65	89	62	41	5	1

Paul Castle Associates

B9016

ATC

Class 22/08/2023

Direction: Northbound

22/08/2023

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	2	2	1	0
01:00	1	0	0	1	0
02:00	1	0	1	0	0
03:00	6	3	0	3	0
04:00	2	0	0	0	2
05:00	11	8	2	1	0
06:00	40	30	6	3	1
07:00	57	32	21	2	2
08:00	89	60	24	2	3
09:00	73	43	23	3	4
10:00	73	50	19	2	2
11:00	85	62	19	1	3
12:00	65	46	14	4	1
13:00	77	56	19	2	0
14:00	82	55	22	2	3
15:00	93	65	24	2	2
16:00	122	88	30	0	4
17:00	121	100	19	0	2
18:00	79	67	11	0	1
19:00	52	42	7	1	2
20:00	38	16	21	0	1
21:00	39	17	18	0	4
22:00	11	3	8	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	1016	724	245	20	27
16H(6-22)	1185	829	297	24	35
18H(6-24)	1199	835	305	24	35
24H(0-24)	1225	848	310	30	37
AM Peak	08:00	11:00	08:00	03:00	09:00
	89	62	24	3	4
PM Peak	16:00	17:00	16:00	12:00	16:00
	122	100	30	4	4

Paul Castle Associates

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	2	1	1	0	0
02:00	1	0	0	1	0
03:00	4	2	1	0	1
04:00	16	13	2	1	0
05:00	31	27	2	0	2
06:00	86	60	22	2	2
07:00	110	79	25	2	4
08:00	108	82	21	2	3
09:00	72	52	13	5	2
10:00	71	51	14	3	3
11:00	69	54	11	4	0
12:00	53	39	8	4	2
13:00	68	49	10	3	6
14:00	81	53	22	2	4
15:00	102	66	28	4	4
16:00	102	75	25	1	1
17:00	82	60	19	1	2
18:00	59	49	8	2	0
19:00	59	46	10	2	1
20:00	14	7	6	0	1
21:00	8	4	3	0	1
22:00	7	3	4	0	0
23:00	1	1	0	0	0
Total					
12H(7-19)	977	709	204	33	31
16H(6-22)	1144	826	245	37	36
18H(6-24)	1152	830	249	37	36
24H(0-24)	1208	875	255	39	39
AM Peak	07:00	08:00	07:00	09:00	07:00
	110	82	25	5	4
PM Peak	15:00	16:00	15:00	12:00	13:00
	102	75	28	4	6

Paul Castle Associates

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	4	2	1	0
01:00	3	1	1	1	0
02:00	2	0	1	1	0
03:00	10	5	1	3	1
04:00	18	13	2	1	2
05:00	42	35	4	1	2
06:00	126	90	28	5	3
07:00	167	111	46	4	6
08:00	197	142	45	4	6
09:00	145	95	36	8	6
10:00	144	101	33	5	5
11:00	154	116	30	5	3
12:00	118	85	22	8	3
13:00	145	105	29	5	6
14:00	163	108	44	4	7
15:00	195	131	52	6	6
16:00	224	163	55	1	5
17:00	203	160	38	1	4
18:00	138	116	19	2	1
19:00	111	88	17	3	3
20:00	52	23	27	0	2
21:00	47	21	21	0	5
22:00	18	6	12	0	0
23:00	4	4	0	0	0
Total					
12H(7-19)	1993	1433	449	53	58
16H(6-22)	2329	1655	542	61	71
18H(6-24)	2351	1665	554	61	71
24H(0-24)	2433	1723	565	69	76
AM Peak	08:00	08:00	07:00	09:00	07:00
	197	142	46	8	6
PM Peak	16:00	16:00	16:00	12:00	14:00
	224	163	55	8	7

Paul Castle Associates

B9016

ATC

Class 23/08/2023

Direction: Northbound

23/08/2023

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	2	2	1	0
01:00	1	0	0	1	0
02:00	1	0	1	0	0
03:00	5	3	0	2	0
04:00	4	0	0	0	4
05:00	9	6	2	1	0
06:00	35	24	6	4	1
07:00	50	24	24	1	1
08:00	90	59	26	2	3
09:00	79	53	20	3	3
10:00	86	61	20	2	3
11:00	93	63	26	1	3
12:00	68	51	13	3	1
13:00	83	63	19	1	0
14:00	81	53	22	2	4
15:00	88	65	20	2	1
16:00	95	74	19	1	1
17:00	84	71	13	0	0
18:00	74	58	15	0	1
19:00	39	33	3	3	0
20:00	41	36	5	0	0
21:00	27	22	4	1	0
22:00	22	18	1	3	0
23:00	4	4	0	0	0
Total					
12H(7-19)	971	695	237	18	21
16H(6-22)	1113	810	255	26	22
18H(6-24)	1139	832	256	29	22
24H(0-24)	1164	843	261	34	26
AM Peak	11:00	11:00	08:00	06:00	04:00
	93	63	26	4	4
PM Peak	16:00	16:00	14:00	12:00	14:00
	95	74	22	3	4

Paul Castle Associates

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	3	1	2	0	0
02:00	1	0	1	0	0
03:00	3	1	1	0	1
04:00	17	14	1	2	0
05:00	38	34	3	0	1
06:00	95	57	32	4	2
07:00	117	85	26	1	5
08:00	100	70	25	2	3
09:00	72	54	10	7	1
10:00	81	55	16	4	6
11:00	73	55	15	3	0
12:00	63	44	11	7	1
13:00	74	49	16	2	7
14:00	84	51	25	3	5
15:00	86	56	25	2	3
16:00	85	67	17	0	1
17:00	88	54	28	5	1
18:00	52	38	13	1	0
19:00	36	22	8	4	2
20:00	28	17	7	4	0
21:00	20	17	2	0	1
22:00	19	16	3	0	0
23:00	5	1	2	2	0
Total					
12H(7-19)	975	678	227	37	33
16H(6-22)	1154	791	276	49	38
18H(6-24)	1178	808	281	51	38
24H(0-24)	1242	860	289	53	40
AM Peak	07:00	07:00	06:00	09:00	10:00
	117	85	32	7	6
PM Peak	17:00	16:00	17:00	12:00	13:00
	88	67	28	7	7

Paul Castle Associates

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	4	2	1	0
01:00	4	1	2	1	0
02:00	2	0	2	0	0
03:00	8	4	1	2	1
04:00	21	14	1	2	4
05:00	47	40	5	1	1
06:00	130	81	38	8	3
07:00	167	109	50	2	6
08:00	190	129	51	4	6
09:00	151	107	30	10	4
10:00	167	116	36	6	9
11:00	166	118	41	4	3
12:00	131	95	24	10	2
13:00	157	112	35	3	7
14:00	165	104	47	5	9
15:00	174	121	45	4	4
16:00	180	141	36	1	2
17:00	172	125	41	5	1
18:00	126	96	28	1	1
19:00	75	55	11	7	2
20:00	69	53	12	4	0
21:00	47	39	6	1	1
22:00	41	34	4	3	0
23:00	9	5	2	2	0
Total					
12H(7-19)	1946	1373	464	55	54
16H(6-22)	2267	1601	531	75	60
18H(6-24)	2317	1640	537	80	60
24H(0-24)	2406	1703	550	87	66
AM Peak	08:00	08:00	08:00	09:00	10:00
	190	129	51	10	9
PM Peak	16:00	16:00	14:00	12:00	14:00
	180	141	47	10	9

Paul Castle Associates

B9016

ATC

Class 24/08/2023

Direction: Northbound

24/08/2023

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	2	1	1	1
01:00	1	0	0	1	0
02:00	1	0	1	0	0
03:00	5	1	0	2	2
04:00	2	0	0	0	2
05:00	11	8	2	1	0
06:00	47	39	4	4	0
07:00	72	44	26	1	1
08:00	92	62	26	2	2
09:00	85	51	26	5	3
10:00	79	49	26	2	2
11:00	79	56	18	1	4
12:00	63	38	21	3	1
13:00	71	54	14	3	0
14:00	69	47	17	3	2
15:00	86	52	28	2	4
16:00	101	72	25	0	4
17:00	115	88	24	0	3
18:00	70	62	7	0	1
19:00	62	56	4	1	1
20:00	39	23	14	1	1
21:00	35	15	15	1	4
22:00	9	5	4	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	982	675	258	22	27
16H(6-22)	1165	808	295	29	33
18H(6-24)	1177	816	299	29	33
24H(0-24)	1202	827	303	34	38
AM Peak	08:00	08:00	07:00	09:00	11:00
	92	62	26	5	4
PM Peak	17:00	17:00	15:00	12:00	15:00
	115	88	28	3	4

Paul Castle Associates

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	2	1	1	0	0
02:00	4	0	3	1	0
03:00	6	4	1	0	1
04:00	12	8	3	1	0
05:00	22	17	3	0	2
06:00	81	50	26	3	2
07:00	101	75	23	1	2
08:00	112	90	19	2	1
09:00	73	53	15	4	1
10:00	83	63	13	3	4
11:00	60	49	6	5	0
12:00	54	36	13	4	1
13:00	84	61	11	3	9
14:00	75	41	27	2	5
15:00	105	65	31	3	6
16:00	100	71	27	1	1
17:00	86	65	17	1	3
18:00	67	59	6	2	0
19:00	66	55	8	2	1
20:00	17	13	3	0	1
21:00	8	5	2	0	1
22:00	6	3	3	0	0
23:00	1	1	0	0	0
Total					
12H(7-19)	1000	728	208	31	33
16H(6-22)	1172	851	247	36	38
18H(6-24)	1179	855	250	36	38
24H(0-24)	1229	889	261	38	41
AM Peak	08:00	08:00	06:00	11:00	10:00
	112	90	26	5	4
PM Peak	15:00	16:00	15:00	12:00	13:00
	105	71	31	4	9

Paul Castle Associates

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	6	1	1	1
01:00	3	1	1	1	0
02:00	5	0	4	1	0
03:00	11	5	1	2	3
04:00	14	8	3	1	2
05:00	33	25	5	1	2
06:00	128	89	30	7	2
07:00	173	119	49	2	3
08:00	204	152	45	4	3
09:00	158	104	41	9	4
10:00	162	112	39	5	6
11:00	139	105	24	6	4
12:00	117	74	34	7	2
13:00	155	115	25	6	9
14:00	144	88	44	5	7
15:00	191	117	59	5	10
16:00	201	143	52	1	5
17:00	201	153	41	1	6
18:00	137	121	13	2	1
19:00	128	111	12	3	2
20:00	56	36	17	1	2
21:00	43	20	17	1	5
22:00	15	8	7	0	0
23:00	4	4	0	0	0
Total					
12H(7-19)	1982	1403	466	53	60
16H(6-22)	2337	1659	542	65	71
18H(6-24)	2356	1671	549	65	71
24H(0-24)	2431	1716	564	72	79
AM Peak	08:00	08:00	07:00	09:00	10:00
	204	152	49	9	6
PM Peak	16:00	17:00	15:00	12:00	15:00
	201	153	59	7	10

Paul Castle Associates

B9016

ATC

Class 25/08/2023

Direction: Northbound

25/08/2023

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	10	6	3	1	0
01:00	4	0	3	1	0
02:00	3	0	3	0	0
03:00	4	1	0	3	0
04:00	3	0	0	0	3
05:00	7	5	1	1	0
06:00	37	27	4	5	1
07:00	62	45	15	1	1
08:00	96	64	27	3	2
09:00	100	67	26	3	4
10:00	98	71	21	2	4
11:00	81	62	15	1	3
12:00	80	65	10	4	1
13:00	75	58	14	3	0
14:00	74	47	22	2	3
15:00	90	56	27	4	3
16:00	114	79	33	0	2
17:00	118	94	21	0	3
18:00	82	77	4	0	1
19:00	44	32	10	1	1
20:00	45	14	27	0	4
21:00	37	14	22	0	1
22:00	12	6	6	0	0
23:00	4	3	1	0	0
Total					
12H(7-19)	1070	785	235	23	27
16H(6-22)	1233	872	298	29	34
18H(6-24)	1249	881	305	29	34
24H(0-24)	1280	893	315	35	37
AM Peak	09:00	10:00	08:00	06:00	09:00
	100	71	27	5	4
PM Peak	17:00	17:00	16:00	12:00	20:00
	118	94	33	4	4

Paul Castle Associates

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	0	0	1
01:00	2	1	1	0	0
02:00	2	0	0	2	0
03:00	4	2	1	0	1
04:00	11	8	2	1	0
05:00	35	28	4	0	3
06:00	81	59	19	1	2
07:00	121	78	38	2	3
08:00	105	78	19	4	4
09:00	91	61	19	10	1
10:00	68	54	9	4	1
11:00	68	46	18	4	0
12:00	46	38	4	3	1
13:00	61	42	14	2	3
14:00	87	56	23	2	6
15:00	115	77	31	4	3
16:00	110	75	33	1	1
17:00	83	64	15	1	3
18:00	54	41	11	2	0
19:00	50	34	13	2	1
20:00	19	15	4	0	0
21:00	6	2	2	1	1
22:00	17	4	13	0	0
23:00	1	1	0	0	0
Total					
12H(7-19)	1009	710	234	39	26
16H(6-22)	1165	820	272	43	30
18H(6-24)	1183	825	285	43	30
24H(0-24)	1239	865	293	46	35
AM Peak	07:00	07:00	07:00	09:00	08:00
	121	78	38	10	4
PM Peak	15:00	15:00	16:00	15:00	14:00
	115	77	33	4	6

Paul Castle Associates

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	12	7	3	1	1
01:00	6	1	4	1	0
02:00	5	0	3	2	0
03:00	8	3	1	3	1
04:00	14	8	2	1	3
05:00	42	33	5	1	3
06:00	118	86	23	6	3
07:00	183	123	53	3	4
08:00	201	142	46	7	6
09:00	191	128	45	13	5
10:00	166	125	30	6	5
11:00	149	108	33	5	3
12:00	126	103	14	7	2
13:00	136	100	28	5	3
14:00	161	103	45	4	9
15:00	205	133	58	8	6
16:00	224	154	66	1	3
17:00	201	158	36	1	6
18:00	136	118	15	2	1
19:00	94	66	23	3	2
20:00	64	29	31	0	4
21:00	43	16	24	1	2
22:00	29	10	19	0	0
23:00	5	4	1	0	0
Total					
12H(7-19)	2079	1495	469	62	53
16H(6-22)	2398	1692	570	72	64
18H(6-24)	2432	1706	590	72	64
24H(0-24)	2519	1758	608	81	72
AM Peak	08:00	08:00	07:00	09:00	08:00
	201	142	53	13	6
PM Peak	16:00	17:00	16:00	15:00	14:00
	224	158	66	8	9

Paul Castle Associates

B9016

ATC

Class 26/08/2023

Direction: Northbound

26/08/2023

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	10	5	4	1	0
01:00	3	0	0	3	0
02:00	3	0	3	0	0
03:00	9	2	0	7	0
04:00	2	0	0	0	2
05:00	6	5	1	0	0
06:00	20	16	3	1	0
07:00	17	8	9	0	0
08:00	34	29	4	0	1
09:00	53	29	19	2	3
10:00	75	50	20	2	3
11:00	80	59	18	1	2
12:00	70	49	15	5	1
13:00	72	55	15	1	1
14:00	55	37	15	2	1
15:00	68	47	19	2	0
16:00	69	56	12	1	0
17:00	72	65	7	0	0
18:00	52	43	8	1	0
19:00	40	31	5	4	0
20:00	37	30	7	0	0
21:00	29	26	3	0	0
22:00	4	3	0	1	0
23:00	3	3	0	0	0
Total					
12H(7-19)	717	527	161	17	12
16H(6-22)	843	630	179	22	12
18H(6-24)	850	636	179	23	12
24H(0-24)	883	648	187	34	14
AM Peak	11:00	11:00	10:00	03:00	09:00
	80	59	20	7	3
PM Peak	13:00	17:00	15:00	12:00	12:00
	72	65	19	5	1

Paul Castle Associates

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	4	2	2	0	0
02:00	4	0	3	1	0
03:00	7	4	1	0	2
04:00	12	9	1	2	0
05:00	14	14	0	0	0
06:00	48	31	15	1	1
07:00	41	32	8	0	1
08:00	44	32	9	0	3
09:00	49	30	12	6	1
10:00	57	40	12	2	3
11:00	69	48	16	4	1
12:00	46	34	8	4	0
13:00	64	42	10	3	9
14:00	78	42	31	1	4
15:00	86	58	21	4	3
16:00	75	56	17	1	1
17:00	48	29	14	4	1
18:00	44	34	9	1	0
19:00	42	28	9	3	2
20:00	19	13	4	2	0
21:00	6	4	2	0	0
22:00	10	9	1	0	0
23:00	1	1	0	0	0
Total					
12H(7-19)	701	477	167	30	27
16H(6-22)	816	553	197	36	30
18H(6-24)	827	563	198	36	30
24H(0-24)	871	595	205	39	32
AM Peak	11:00	11:00	11:00	09:00	08:00
	69	48	16	6	3
PM Peak	15:00	15:00	14:00	12:00	13:00
	86	58	31	4	9

Paul Castle Associates

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	13	8	4	1	0
01:00	7	2	2	3	0
02:00	7	0	6	1	0
03:00	16	6	1	7	2
04:00	14	9	1	2	2
05:00	20	19	1	0	0
06:00	68	47	18	2	1
07:00	58	40	17	0	1
08:00	78	61	13	0	4
09:00	102	59	31	8	4
10:00	132	90	32	4	6
11:00	149	107	34	5	3
12:00	116	83	23	9	1
13:00	136	97	25	4	10
14:00	133	79	46	3	5
15:00	154	105	40	6	3
16:00	144	112	29	2	1
17:00	120	94	21	4	1
18:00	96	77	17	2	0
19:00	82	59	14	7	2
20:00	56	43	11	2	0
21:00	35	30	5	0	0
22:00	14	12	1	1	0
23:00	4	4	0	0	0
Total					
12H(7-19)	1418	1004	328	47	39
16H(6-22)	1659	1183	376	58	42
18H(6-24)	1677	1199	377	59	42
24H(0-24)	1754	1243	392	73	46
AM Peak	11:00	11:00	11:00	09:00	10:00
	149	107	34	8	6
PM Peak	15:00	16:00	14:00	12:00	13:00
	154	112	46	9	10

Paul Castle Associates

B9016

ATC

Class 27/08/2023

Direction: Northbound

27/08/2023

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	4	2	1	0
01:00	0	0	0	0	0
02:00	2	0	1	1	0
03:00	12	5	3	4	0
04:00	1	0	1	0	0
05:00	4	2	1	1	0
06:00	9	8	1	0	0
07:00	12	11	1	0	0
08:00	19	15	4	0	0
09:00	31	22	8	1	0
10:00	74	58	14	1	1
11:00	90	73	13	1	3
12:00	66	49	12	5	0
13:00	64	49	14	1	0
14:00	71	54	15	1	1
15:00	52	39	11	1	1
16:00	68	50	14	1	3
17:00	58	49	8	0	1
18:00	43	41	2	0	0
19:00	27	24	1	1	1
20:00	31	24	5	1	1
21:00	25	15	7	0	3
22:00	6	4	2	0	0
23:00	1	1	0	0	0
Total					
12H(7-19)	648	510	116	12	10
16H(6-22)	740	581	130	14	15
18H(6-24)	747	586	132	14	15
24H(0-24)	773	597	140	21	15
AM Peak	11:00	11:00	10:00	03:00	11:00
	90	73	14	4	3
PM Peak	14:00	14:00	14:00	12:00	16:00
	71	54	15	5	3

Paul Castle Associates

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	7	0	0	0
01:00	3	2	1	0	0
02:00	0	0	0	0	0
03:00	5	3	1	1	0
04:00	8	5	1	2	0
05:00	16	14	1	0	1
06:00	18	15	3	0	0
07:00	17	14	3	0	0
08:00	21	15	4	1	1
09:00	35	24	9	1	1
10:00	45	37	6	1	1
11:00	72	61	6	5	0
12:00	41	27	8	5	1
13:00	54	43	7	2	2
14:00	77	55	18	1	3
15:00	70	52	13	3	2
16:00	50	35	13	1	1
17:00	34	28	5	1	0
18:00	26	23	3	0	0
19:00	34	28	6	0	0
20:00	10	4	4	1	1
21:00	10	6	3	0	1
22:00	6	5	1	0	0
23:00	0	0	0	0	0
Total					
12H(7-19)	542	414	95	21	12
16H(6-22)	614	467	111	22	14
18H(6-24)	620	472	112	22	14
24H(0-24)	659	503	116	25	15
AM Peak	11:00	11:00	09:00	11:00	05:00
	72	61	9	5	1
PM Peak	14:00	14:00	14:00	12:00	14:00
	77	55	18	5	3

Paul Castle Associates

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	14	11	2	1	0
01:00	3	2	1	0	0
02:00	2	0	1	1	0
03:00	17	8	4	5	0
04:00	9	5	2	2	0
05:00	20	16	2	1	1
06:00	27	23	4	0	0
07:00	29	25	4	0	0
08:00	40	30	8	1	1
09:00	66	46	17	2	1
10:00	119	95	20	2	2
11:00	162	134	19	6	3
12:00	107	76	20	10	1
13:00	118	92	21	3	2
14:00	148	109	33	2	4
15:00	122	91	24	4	3
16:00	118	85	27	2	4
17:00	92	77	13	1	1
18:00	69	64	5	0	0
19:00	61	52	7	1	1
20:00	41	28	9	2	2
21:00	35	21	10	0	4
22:00	12	9	3	0	0
23:00	1	1	0	0	0
Total					
12H(7-19)	1190	924	211	33	22
16H(6-22)	1354	1048	241	36	29
18H(6-24)	1367	1058	244	36	29
24H(0-24)	1432	1100	256	46	30
AM Peak	11:00	11:00	10:00	11:00	11:00
	162	134	20	6	3
PM Peak	14:00	14:00	14:00	12:00	14:00
	148	109	33	10	4

Paul Castle Associates

B9016

ATC

Class 28/08/2023

Direction: Northbound

28/08/2023

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	8	4	3	1	0
01:00	1	0	0	1	0
02:00	2	0	2	0	0
03:00	5	2	0	3	0
04:00	2	0	0	0	2
05:00	5	3	1	1	0
06:00	36	24	10	2	0
07:00	69	42	23	1	3
08:00	88	62	21	2	3
09:00	83	52	26	3	2
10:00	78	55	18	2	3
11:00	83	58	22	1	2
12:00	66	50	11	4	1
13:00	90	65	23	2	0
14:00	62	39	17	2	4
15:00	96	62	27	5	2
16:00	99	73	24	0	2
17:00	106	87	18	0	1
18:00	74	65	8	0	1
19:00	43	30	9	1	3
20:00	31	14	16	0	1
21:00	37	17	17	0	3
22:00	11	6	5	0	0
23:00	4	3	1	0	0
Total					
12H(7-19)	994	710	238	22	24
16H(6-22)	1141	795	290	25	31
18H(6-24)	1156	804	296	25	31
24H(0-24)	1179	813	302	31	33
AM Peak	08:00	08:00	09:00	03:00	07:00
	88	62	26	3	3
PM Peak	17:00	17:00	15:00	15:00	14:00
	106	87	27	5	4

Paul Castle Associates

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	1	0	0	3
01:00	2	1	1	0	0
02:00	1	0	0	1	0
03:00	4	2	1	0	1
04:00	19	15	3	1	0
05:00	40	36	2	0	2
06:00	81	62	16	1	2
07:00	116	76	33	2	5
08:00	122	92	23	4	3
09:00	83	57	17	8	1
10:00	68	49	14	3	2
11:00	68	47	17	4	0
12:00	49	41	3	4	1
13:00	53	38	9	3	3
14:00	80	53	23	2	2
15:00	92	63	21	5	3
16:00	96	71	23	1	1
17:00	94	70	19	1	4
18:00	54	37	15	2	0
19:00	65	46	16	2	1
20:00	13	8	4	0	1
21:00	11	6	4	0	1
22:00	9	4	5	0	0
23:00	1	1	0	0	0
Total					
12H(7-19)	975	694	217	39	25
16H(6-22)	1145	816	257	42	30
18H(6-24)	1155	821	262	42	30
24H(0-24)	1225	876	269	44	36
AM Peak	08:00	08:00	07:00	09:00	07:00
	122	92	33	8	5
PM Peak	16:00	16:00	14:00	15:00	17:00
	96	71	23	5	4

Paul Castle Associates

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	12	5	3	1	3
01:00	3	1	1	1	0
02:00	3	0	2	1	0
03:00	9	4	1	3	1
04:00	21	15	3	1	2
05:00	45	39	3	1	2
06:00	117	86	26	3	2
07:00	185	118	56	3	8
08:00	210	154	44	6	6
09:00	166	109	43	11	3
10:00	146	104	32	5	5
11:00	151	105	39	5	2
12:00	115	91	14	8	2
13:00	143	103	32	5	3
14:00	142	92	40	4	6
15:00	188	125	48	10	5
16:00	195	144	47	1	3
17:00	200	157	37	1	5
18:00	128	102	23	2	1
19:00	108	76	25	3	4
20:00	44	22	20	0	2
21:00	48	23	21	0	4
22:00	20	10	10	0	0
23:00	5	4	1	0	0
Total					
12H(7-19)	1969	1404	455	61	49
16H(6-22)	2286	1611	547	67	61
18H(6-24)	2311	1625	558	67	61
24H(0-24)	2404	1689	571	75	69
AM Peak	08:00	08:00	07:00	09:00	07:00
	210	154	56	11	8
PM Peak	17:00	17:00	15:00	15:00	14:00
	200	157	48	10	6

Paul Castle Associates

B9016

ATC

Speed 22/08/2023

Direction: Northbound

22/08/2023

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
00:00	5	58.9	49.5	9.1	0	0	0	0	1	1	0	1	2	0	0	0
01:00	1	-	37.5	-	0	0	0	0	1	0	0	0	0	0	0	0
02:00	1	-	52.5	-	0	0	0	0	0	0	0	1	0	0	0	0
03:00	6	54.4	43.3	10.7	0	0	0	2	1	0	1	1	1	0	0	0
04:00	2	53.7	50.0	3.5	0	0	0	0	0	0	1	1	0	0	0	0
05:00	11	63.6	51.8	11.4	0	0	0	2	0	0	1	5	0	3	0	0
06:00	40	59.6	52.0	7.4	0	0	0	0	4	2	7	14	9	4	0	0
07:00	57	60.7	53.1	7.3	0	0	0	0	3	2	15	13	18	5	1	0
08:00	89	57.0	49.7	7.1	0	0	0	2	6	13	22	29	14	2	1	0
09:00	73	56.7	49.9	6.6	0	0	0	2	5	5	20	30	8	3	0	0
10:00	73	55.8	49.0	6.5	0	0	1	0	3	14	22	22	9	2	0	0
11:00	85	59.8	52.0	7.6	0	0	0	0	3	13	19	22	18	9	1	0
12:00	65	61.2	52.2	8.6	0	0	0	1	3	11	12	12	16	9	1	0
13:00	77	60.9	50.8	9.7	0	1	0	1	4	13	17	20	12	7	1	1
14:00	82	60.9	51.9	8.7	0	0	0	0	1	15	22	23	12	6	1	2
15:00	93	60.7	51.1	9.2	0	0	0	6	2	14	19	23	18	8	3	0
16:00	122	62.9	51.6	10.9	0	1	5	4	1	14	18	38	23	15	1	2
17:00	121	64.1	56.0	7.8	0	0	0	0	0	7	16	38	34	18	8	0
18:00	79	60.8	52.8	7.7	0	0	1	1	4	2	16	22	24	9	0	0
19:00	52	56.4	50.0	6.2	0	0	0	1	3	4	16	18	9	1	0	0
20:00	38	74.0	64.0	9.6	0	0	0	1	0	0	1	4	5	18	8	1
21:00	39	79.1	65.1	13.6	0	0	0	0	0	3	2	6	4	11	5	8
22:00	11	85.4	72.5	12.4	0	0	0	0	0	0	0	1	2	1	3	4
23:00	3	85.0	85.0	0.0	0	0	0	0	0	0	0	0	0	0	0	3
Total																
2H(10-12)	158	58.1	50.6	7.2	0	0	1	0	6	27	41	44	27	11	1	0
2H(14-16)	175	60.7	51.5	8.9	0	0	0	6	3	29	41	46	30	14	4	2
12H(7-19)	1016	60.7	51.8	8.5	0	2	7	17	35	123	218	292	206	93	18	5
24H(0-24)	1225	62.7	52.8	9.6	0	2	7	23	45	133	247	344	238	131	34	21
AM Peak	08:00 89	05:00 63.6	07:00 53.1	05:00 11.4	00:00 0	00:00 0	10:00 1	03:00 2	08:00 6	10:00 14	08:00 22	09:00 30	07:00 18	11:00 9	07:00 1	00:00 0
PM Peak	16:00 122	22:00 85.4	23:00 85.0	21:00 13.6	12:00 0	13:00 1	16:00 5	15:00 6	13:00 4	14:00 15	14:00 22	16:00 38	17:00 34	17:00 18	17:00 8	21:00 8

Direction: Southbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
00:00	2	52.5	52.5	0.0	0	0	0	0	0	0	0	2	0	0	0	0
01:00	2	66.7	61.3	5.3	0	0	0	0	0	0	0	0	1	1	0	0
02:00	1	-	52.5	-	0	0	0	0	0	0	0	1	0	0	0	0
03:00	4	63.6	53.1	10.1	0	0	0	0	0	1	1	0	1	1	0	0
04:00	16	63.8	55.5	8.0	0	0	0	0	0	2	2	4	3	5	0	0
05:00	31	68.2	58.4	9.4	0	0	0	0	0	2	2	9	7	8	2	1
06:00	86	64.7	56.8	7.6	0	0	0	0	0	3	13	23	22	21	4	0
07:00	110	62.0	54.9	6.9	0	0	0	0	0	5	21	38	24	20	2	0
08:00	108	60.9	52.7	7.9	0	0	0	0	4	17	17	30	25	13	2	0
09:00	72	59.3	52.1	7.0	0	0	0	0	0	12	18	21	11	10	0	0
10:00	71	59.9	52.3	7.3	0	0	0	0	0	11	19	20	11	9	1	0
11:00	69	61.1	51.5	9.2	0	0	3	0	2	11	7	21	18	6	1	0
12:00	53	60.9	53.8	6.9	0	0	0	0	0	5	10	17	14	6	1	0
13:00	68	59.2	52.1	6.9	0	0	0	0	4	4	14	29	11	5	1	0
14:00	81	62.3	53.1	8.8	0	0	0	0	2	17	12	17	16	15	2	0
15:00	102	62.7	53.6	8.8	0	1	0	0	2	9	20	31	20	17	1	1
16:00	102	65.6	56.5	8.8	0	1	0	0	1	2	13	31	24	26	3	1
17:00	82	63.7	54.6	8.8	0	0	0	0	3	8	16	20	11	22	2	0
18:00	59	66.6	57.7	8.6	0	1	0	0	0	2	3	11	21	20	1	0
19:00	59	61.8	53.8	7.7	0	0	0	0	0	7	10	20	13	8	0	1
20:00	14	87.9	72.7	14.7	0	0	0	0	0	1	0	1	1	3	1	7
21:00	8	79.8	68.8	10.7	0	0	0	0	0	0	0	1	1	2	3	1
22:00	7	82.9	77.9	4.9	0	0	0	0	0	0	0	0	0	0	5	2
23:00	1	-	85.0	-	0	0	0	0	0	0	0	0	0	0	0	1
Total																
2H(10-12)	140	60.5	51.9	8.3	0	0	3	0	2	22	26	41	29	15	2	0
2H(14-16)	183	62.5	53.4	8.8	0	1	0	0	4	26	32	48	36	32	3	1
12H(7-19)	977	62.3	53.8	8.2	0	3	3	0	18	103	170	286	206	169	17	2
24H(0-24)	1208	63.8	54.6	8.8	0	3	3	0	18	119	198	347	255	218	32	15
AM Peak	07:00	05:00	01:00	03:00	00:00	00:00	11:00	00:00	08:00	08:00	07:00	07:00	08:00	06:00	06:00	05:00
	110	68.2	61.3	10.1	0	0	3	0	4	17	21	38	25	21	4	1
PM Peak	15:00	20:00	23:00	20:00	12:00	15:00	12:00	12:00	13:00	14:00	15:00	15:00	16:00	16:00	22:00	20:00
	102	87.9	85.0	14.7	0	1	0	0	4	17	20	31	24	26	5	7

Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
00:00	7	58.2	50.4	7.6	0	0	0	0	1	1	0	3	2	0	0	0
01:00	3	68.1	53.3	14.2	0	0	0	0	1	0	0	0	1	1	0	0
02:00	2	52.5	52.5	0.0	0	0	0	0	0	0	0	2	0	0	0	0
03:00	10	58.7	47.3	11.1	0	0	0	2	1	1	2	1	2	1	0	0
04:00	18	62.9	54.9	7.8	0	0	0	0	0	2	3	5	3	5	0	0
05:00	42	67.3	56.7	10.3	0	0	0	2	0	2	3	14	7	11	2	1
06:00	126	63.4	55.3	7.8	0	0	0	0	4	5	20	37	31	25	4	0
07:00	167	61.6	54.3	7.0	0	0	0	0	3	7	36	51	42	25	3	0
08:00	197	59.3	51.3	7.7	0	0	0	2	10	30	39	59	39	15	3	0
09:00	145	58.1	51.0	6.8	0	0	0	2	5	17	38	51	19	13	0	0
10:00	144	58.0	50.6	7.1	0	0	1	0	3	25	41	42	20	11	1	0
11:00	154	60.4	51.8	8.3	0	0	3	0	5	24	26	43	36	15	2	0
12:00	118	61.1	52.9	7.9	0	0	0	1	3	16	22	29	30	15	2	0
13:00	145	60.2	51.4	8.5	0	1	0	1	8	17	31	49	23	12	2	1
14:00	163	61.5	52.5	8.7	0	0	0	0	3	32	34	40	28	21	3	2
15:00	195	61.8	52.4	9.1	0	1	0	6	4	23	39	54	38	25	4	1
16:00	224	64.4	53.8	10.2	0	2	5	4	2	16	31	69	47	41	4	3
17:00	203	64.0	55.4	8.2	0	0	0	0	3	15	32	58	45	40	10	0
18:00	138	63.6	54.9	8.4	0	1	1	1	4	4	19	33	45	29	1	0
19:00	111	59.6	52.0	7.3	0	0	0	1	3	11	26	38	22	9	0	1
20:00	52	78.5	66.3	11.7	0	0	0	1	0	1	1	5	6	21	9	8
21:00	47	79.3	65.7	13.1	0	0	0	0	0	3	2	7	5	13	8	9
22:00	18	85.3	74.6	10.3	0	0	0	0	0	0	0	1	2	1	8	6
23:00	4	85.0	85.0	0.0	0	0	0	0	0	0	0	0	0	0	0	4
Total																
2H(10-12)	298	59.3	51.2	7.8	0	0	4	0	8	49	67	85	56	26	3	0
2H(14-16)	358	61.7	52.5	8.9	0	1	0	6	7	55	73	94	66	46	7	3
12H(7-19)	1993	61.5	52.8	8.4	0	5	10	17	53	226	388	578	412	262	35	7
24H(0-24)	2433	63.3	53.7	9.3	0	5	10	23	63	252	445	691	493	349	66	36
AM Peak	08:00 197	01:00 68.1	05:00 56.7	01:00 14.2	00:00 0	00:00 0	11:00 3	03:00 2	08:00 10	08:00 30	10:00 41	08:00 59	07:00 42	06:00 25	06:00 4	05:00 1
PM Peak	16:00 224	22:00 85.3	23:00 85.0	21:00 13.1	12:00 0	16:00 2	16:00 5	15:00 6	13:00 8	14:00 32	15:00 39	16:00 69	16:00 47	16:00 41	17:00 10	21:00 9

B9016

ATC

Speed 23/08/2023

Direction: Northbound

23/08/2023

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
00:00	5	60.3	53.5	6.5	0	0	0	0	0	1	0	1	3	0	0	0
01:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
02:00	1	-	52.5	-	0	0	0	0	0	0	0	1	0	0	0	0
03:00	5	43.3	36.5	6.5	0	0	0	3	1	0	1	0	0	0	0	0
04:00	4	51.3	48.8	2.5	0	0	0	0	0	0	3	1	0	0	0	0
05:00	9	62.4	50.3	11.7	0	0	0	2	0	0	1	4	0	2	0	0
06:00	35	59.5	52.6	6.6	0	0	0	0	1	3	7	13	7	4	0	0
07:00	50	60.1	53.2	6.6	0	0	0	0	2	1	14	13	14	6	0	0
08:00	90	56.3	49.4	6.7	0	0	0	3	6	11	24	28	17	1	0	0
09:00	79	56.2	49.9	6.1	0	0	0	2	2	9	23	35	4	4	0	0
10:00	86	56.2	49.9	6.1	0	0	1	0	2	11	28	34	6	4	0	0
11:00	93	60.2	52.0	7.9	0	0	0	0	4	18	15	21	24	10	1	0
12:00	68	62.6	53.2	9.0	0	0	0	1	4	10	8	14	17	13	1	0
13:00	83	61.1	51.1	9.6	0	1	0	1	3	14	21	21	10	10	1	1
14:00	81	60.7	52.5	7.9	0	0	0	0	1	14	14	25	19	6	1	1
15:00	88	59.6	50.3	9.0	0	0	0	5	4	13	21	24	12	6	3	0
16:00	95	62.2	53.2	8.7	0	0	1	0	5	9	17	26	19	16	2	0
17:00	84	62.7	55.6	6.8	0	0	0	0	1	7	6	19	36	14	1	0
18:00	74	61.1	53.5	7.3	0	0	0	0	4	6	10	22	21	11	0	0
19:00	39	63.3	52.0	10.9	0	0	0	1	8	1	4	8	11	5	0	1
20:00	41	64.0	56.6	7.1	0	0	0	0	0	2	5	10	13	10	1	0
21:00	27	60.9	54.9	5.7	0	0	0	0	0	0	4	11	10	1	1	0
22:00	22	63.6	50.9	12.2	0	0	0	3	0	3	5	5	2	3	0	1
23:00	4	53.5	47.5	5.8	0	0	0	0	0	2	0	2	0	0	0	0
Total																
2H(10-12)	179	58.4	51.0	7.2	0	0	1	0	6	29	43	55	30	14	1	0
2H(14-16)	169	60.2	51.4	8.5	0	0	0	5	5	27	35	49	31	12	4	1
12H(7-19)	971	60.1	51.9	7.9	0	1	2	12	38	123	201	282	199	101	10	2
24H(0-24)	1164	60.5	52.0	8.2	0	1	2	22	48	135	231	338	245	126	12	4
AM Peak	11:00 93	05:00 62.4	00:00 53.5	05:00 11.7	00:00 0	00:00 0	10:00 1	03:00 3	08:00 6	11:00 18	10:00 28	09:00 35	11:00 24	11:00 10	11:00 1	00:00 0
PM Peak	16:00 95	20:00 64.0	20:00 56.6	22:00 12.2	12:00 0	13:00 1	16:00 1	15:00 5	19:00 8	13:00 14	13:00 21	16:00 26	17:00 36	16:00 16	15:00 3	13:00 1

Direction: Southbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
00:00	2	52.5	52.5	0.0	0	0	0	0	0	0	0	2	0	0	0	0
01:00	3	64.5	60.0	4.3	0	0	0	0	0	0	0	0	2	1	0	0
02:00	1	-	52.5	-	0	0	0	0	0	0	0	1	0	0	0	0
03:00	3	57.1	49.2	7.6	0	0	0	0	0	1	1	0	1	0	0	0
04:00	17	62.1	54.4	7.4	0	0	0	0	0	3	1	4	6	3	0	0
05:00	38	69.4	58.9	10.1	0	0	0	0	0	4	3	8	5	14	3	1
06:00	95	65.6	56.7	8.6	0	0	0	0	0	5	17	24	21	20	8	0
07:00	117	62.9	55.7	7.0	0	0	0	0	0	2	26	36	20	32	1	0
08:00	100	61.5	53.2	8.0	0	0	0	0	2	18	11	32	20	15	2	0
09:00	72	58.1	51.9	6.0	0	0	0	0	0	9	17	28	12	6	0	0
10:00	81	59.6	52.7	6.7	0	0	0	0	0	12	16	25	18	10	0	0
11:00	73	58.9	51.2	7.4	0	0	2	0	1	12	9	24	23	2	0	0
12:00	63	62.7	55.0	7.4	0	0	0	0	0	5	12	15	17	13	1	0
13:00	74	60.7	52.3	8.1	0	0	0	0	8	2	18	20	16	9	1	0
14:00	84	62.1	53.9	7.9	0	0	0	0	1	11	17	16	24	13	2	0
15:00	86	61.4	53.3	7.8	0	1	0	0	2	2	19	31	19	11	1	0
16:00	85	60.2	52.8	7.2	0	0	1	0	1	8	13	35	18	8	1	0
17:00	88	61.3	52.8	8.2	0	0	1	1	1	12	14	27	16	16	0	0
18:00	52	58.8	53.0	5.6	0	0	0	0	0	4	10	21	13	4	0	0
19:00	36	63.9	57.5	6.2	0	0	0	0	0	0	4	10	10	12	0	0
20:00	28	62.5	52.1	10.0	0	0	0	0	0	10	2	6	6	3	0	1
21:00	20	62.3	54.4	7.6	0	0	0	1	0	0	4	4	8	3	0	0
22:00	19	62.4	55.1	7.0	0	0	0	0	1	0	2	7	5	4	0	0
23:00	5	54.8	47.5	7.1	0	0	0	0	1	1	0	3	0	0	0	0
Total																
2H(10-12)	154	59.3	52.0	7.1	0	0	2	0	1	24	25	49	41	12	0	0
2H(14-16)	170	61.8	53.6	7.8	0	1	0	0	3	13	36	47	43	24	3	0
12H(7-19)	975	61.0	53.3	7.4	0	1	4	1	16	97	182	310	216	139	9	0
24H(0-24)	1242	61.9	53.8	7.8	0	1	4	2	18	121	216	379	280	199	20	2
AM Peak	07:00 117	05:00 69.4	01:00 60.0	05:00 10.1	00:00 0	00:00 0	11:00 2	00:00 0	08:00 2	08:00 18	07:00 26	07:00 36	11:00 23	07:00 32	06:00 8	05:00 1
PM Peak	17:00 88	19:00 63.9	19:00 57.5	20:00 10.0	12:00 0	15:00 1	16:00 1	17:00 1	13:00 8	17:00 12	15:00 19	16:00 35	14:00 24	17:00 16	14:00 2	20:00 1

Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
00:00	7	58.8	53.2	5.3	0	0	0	0	0	1	0	3	3	0	0	0
01:00	4	67.8	53.1	14.2	0	0	0	1	0	0	0	0	2	1	0	0
02:00	2	52.5	52.5	0.0	0	0	0	0	0	0	0	2	0	0	0	0
03:00	8	50.7	41.3	9.2	0	0	0	3	1	1	2	0	1	0	0	0
04:00	21	60.7	53.3	7.1	0	0	0	0	0	3	4	5	6	3	0	0
05:00	47	68.5	57.3	10.9	0	0	0	2	0	4	4	12	5	16	3	1
06:00	130	64.2	55.6	8.3	0	0	0	0	1	8	24	37	28	24	8	0
07:00	167	62.2	54.9	7.0	0	0	0	0	2	3	40	49	34	38	1	0
08:00	190	59.3	51.4	7.6	0	0	0	3	8	29	35	60	37	16	2	0
09:00	151	57.2	50.9	6.1	0	0	0	2	2	18	40	63	16	10	0	0
10:00	167	58.0	51.2	6.6	0	0	1	0	2	23	44	59	24	14	0	0
11:00	166	59.6	51.6	7.7	0	0	2	0	5	30	24	45	47	12	1	0
12:00	131	62.7	54.1	8.3	0	0	0	1	4	15	20	29	34	26	2	0
13:00	157	60.9	51.7	8.9	0	1	0	1	11	16	39	41	26	19	2	1
14:00	165	61.4	53.2	7.9	0	0	0	0	2	25	31	41	43	19	3	1
15:00	174	60.7	51.8	8.5	0	1	0	5	6	15	40	55	31	17	4	0
16:00	180	61.3	53.0	8.0	0	0	2	0	6	17	30	61	37	24	3	0
17:00	172	62.1	54.2	7.7	0	0	1	1	2	19	20	46	52	30	1	0
18:00	126	60.2	53.3	6.6	0	0	0	0	4	10	20	43	34	15	0	0
19:00	75	64.3	54.6	9.3	0	0	0	1	8	1	8	18	21	17	0	1
20:00	69	63.7	54.8	8.6	0	0	0	0	0	12	7	16	19	13	1	1
21:00	47	61.4	54.7	6.5	0	0	0	1	0	0	8	15	18	4	1	0
22:00	41	63.5	52.9	10.3	0	0	0	3	1	3	7	12	7	7	0	1
23:00	9	53.8	47.5	6.1	0	0	0	0	1	3	0	5	0	0	0	0
Total																
2H(10-12)	333	58.8	51.4	7.1	0	0	3	0	7	53	68	104	71	26	1	0
2H(14-16)	339	61.1	52.5	8.3	0	1	0	5	8	40	71	96	74	36	7	1
12H(7-19)	1946	60.6	52.6	7.7	0	2	6	13	54	220	383	592	415	240	19	2
24H(0-24)	2406	61.3	53.0	8.0	0	2	6	24	66	256	447	717	525	325	32	6
AM Peak	08:00 190	05:00 68.5	05:00 57.3	01:00 14.2	00:00 0	00:00 0	11:00 2	03:00 3	08:00 8	11:00 30	10:00 44	09:00 63	11:00 47	07:00 38	06:00 8	05:00 1
PM Peak	16:00 180	19:00 64.3	20:00 54.8	22:00 10.3	12:00 0	13:00 1	16:00 2	15:00 5	13:00 11	14:00 25	15:00 40	16:00 61	17:00 52	17:00 30	15:00 4	13:00 1

B9016

ATC

Speed 24/08/2023

Direction: Northbound

24/08/2023

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
00:00	5	58.9	49.5	9.1	0	0	0	0	1	1	0	1	2	0	0	0
01:00	1	-	37.5	-	0	0	0	0	1	0	0	0	0	0	0	0
02:00	1	-	52.5	-	0	0	0	0	0	0	0	1	0	0	0	0
03:00	5	49.9	40.5	9.1	0	0	0	2	1	0	1	1	0	0	0	0
04:00	2	53.7	50.0	3.5	0	0	0	0	0	0	1	1	0	0	0	0
05:00	11	56.4	44.1	11.8	0	0	0	5	0	0	1	4	0	1	0	0
06:00	47	59.7	52.1	7.4	0	0	0	0	6	1	6	18	12	4	0	0
07:00	72	59.6	52.7	6.7	0	0	0	0	3	3	18	23	19	5	1	0
08:00	92	56.6	49.5	6.8	0	0	0	1	6	17	22	28	16	1	1	0
09:00	85	56.7	50.0	6.4	0	0	0	2	4	10	23	28	16	2	0	0
10:00	79	54.3	48.3	5.8	0	0	1	0	3	14	33	20	7	1	0	0
11:00	79	59.8	52.2	7.4	0	0	0	0	2	14	14	23	15	11	0	0
12:00	63	61.2	52.3	8.5	0	0	0	1	4	9	9	13	19	7	1	0
13:00	71	57.9	49.3	8.3	0	1	0	1	4	13	18	19	10	5	0	0
14:00	69	61.7	52.6	8.8	0	0	0	0	1	11	14	25	10	5	1	2
15:00	86	62.2	52.8	9.1	0	0	0	3	2	12	11	27	20	6	5	0
16:00	101	60.5	50.0	10.1	0	1	6	2	1	13	17	33	17	11	0	0
17:00	115	62.6	55.7	6.6	0	0	0	0	0	6	10	40	38	18	3	0
18:00	70	59.8	52.0	7.5	0	0	1	1	4	3	14	19	24	4	0	0
19:00	62	56.7	50.2	6.2	0	0	0	1	5	5	12	26	13	0	0	0
20:00	39	72.2	63.2	8.7	0	0	0	1	0	0	1	4	4	24	4	1
21:00	35	77.2	63.3	13.5	0	0	0	0	0	2	3	7	6	6	5	6
22:00	9	87.1	73.9	12.8	0	0	0	0	0	0	0	1	1	1	2	4
23:00	3	85.0	85.0	0.0	0	0	0	0	0	0	0	0	0	0	0	3
Total																
2H(10-12)	158	57.4	50.2	6.9	0	0	1	0	5	28	47	43	22	12	0	0
2H(14-16)	155	62.0	52.7	9.0	0	0	0	3	3	23	25	52	30	11	6	2
12H(7-19)	982	59.8	51.5	8.0	0	2	8	11	34	125	203	298	211	76	12	2
24H(0-24)	1202	61.7	52.3	9.1	0	2	8	20	48	134	228	362	249	112	23	16
AM Peak	08:00 92	11:00 59.8	07:00 52.7	05:00 11.8	00:00 0	00:00 0	10:00 1	05:00 5	06:00 6	08:00 17	10:00 33	08:00 28	07:00 19	11:00 11	07:00 1	00:00 0
PM Peak	17:00 115	22:00 87.1	23:00 85.0	21:00 13.5	12:00 0	13:00 1	16:00 6	15:00 3	19:00 5	13:00 13	13:00 18	17:00 40	17:00 38	20:00 24	15:00 5	21:00 6

Direction: Southbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
00:00	4	52.5	52.5	0.0	0	0	0	0	0	0	0	4	0	0	0	0
01:00	2	66.7	61.3	5.3	0	0	0	0	0	0	0	0	1	1	0	0
02:00	4	52.5	52.5	0.0	0	0	0	0	0	0	0	4	0	0	0	0
03:00	6	59.5	49.6	9.5	0	0	0	0	0	3	1	0	1	1	0	0
04:00	12	66.6	58.3	8.0	0	0	0	0	0	1	1	2	2	6	0	0
05:00	22	68.2	58.6	9.2	0	0	0	0	0	2	2	4	4	8	2	0
06:00	81	64.7	56.2	8.2	0	0	0	0	0	4	16	20	19	17	5	0
07:00	101	61.0	54.6	6.2	0	0	0	0	0	3	19	37	26	15	1	0
08:00	112	60.4	52.7	7.4	0	0	0	0	4	16	16	34	28	13	1	0
09:00	73	56.5	50.3	6.0	0	0	0	0	0	14	24	23	7	5	0	0
10:00	83	61.6	53.1	8.2	0	0	0	0	0	17	16	19	13	17	1	0
11:00	60	61.9	51.8	9.8	0	0	3	0	2	10	3	18	17	6	1	0
12:00	54	58.6	52.3	6.1	0	0	0	0	0	5	18	11	16	4	0	0
13:00	84	59.3	52.1	7.0	0	0	0	0	5	3	23	32	12	8	1	0
14:00	75	62.1	53.0	8.7	0	0	0	0	1	19	11	13	12	19	0	0
15:00	105	62.7	53.4	9.0	0	1	0	0	3	11	18	33	19	18	1	1
16:00	100	62.5	54.4	7.8	0	1	0	0	1	4	15	39	20	19	1	0
17:00	86	62.9	54.3	8.2	0	0	0	0	2	5	24	25	4	25	1	0
18:00	67	66.3	58.3	7.7	0	1	0	0	0	1	3	9	28	25	0	0
19:00	66	62.6	55.2	7.2	0	0	0	0	0	5	5	28	16	11	0	1
20:00	17	79.7	64.6	14.6	0	0	0	0	0	2	0	2	5	2	2	4
21:00	8	73.0	65.0	7.7	0	0	0	0	0	0	0	1	1	4	2	0
22:00	6	83.7	78.3	5.2	0	0	0	0	0	0	0	0	0	0	4	2
23:00	1	-	85.0	-	0	0	0	0	0	0	0	0	0	0	0	1
Total																
2H(10-12)	143	61.8	52.5	8.9	0	0	3	0	2	27	19	37	30	23	2	0
2H(14-16)	180	62.4	53.2	8.9	0	1	0	0	4	30	29	46	31	37	1	1
12H(7-19)	1000	61.6	53.4	7.9	0	3	3	0	18	108	190	293	202	174	8	1
24H(0-24)	1229	62.9	54.2	8.4	0	3	3	0	18	125	215	358	251	224	23	9
AM Peak	08:00	05:00	01:00	11:00	00:00	00:00	11:00	00:00	08:00	10:00	09:00	07:00	08:00	06:00	06:00	00:00
	112	68.2	61.3	9.8	0	0	3	0	4	17	24	37	28	17	5	0
PM Peak	15:00	22:00	23:00	20:00	12:00	15:00	12:00	12:00	13:00	14:00	17:00	16:00	18:00	17:00	22:00	20:00
	105	83.7	85.0	14.6	0	1	0	0	5	19	24	39	28	25	4	4

Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
00:00	9	57.7	50.8	6.6	0	0	0	0	1	1	0	5	2	0	0	0
01:00	3	68.1	53.3	14.2	0	0	0	0	1	0	0	0	1	1	0	0
02:00	5	52.5	52.5	0.0	0	0	0	0	0	0	0	5	0	0	0	0
03:00	11	55.9	45.5	10.1	0	0	0	2	1	3	2	1	1	1	0	0
04:00	14	65.5	57.1	8.0	0	0	0	0	0	1	2	3	2	6	0	0
05:00	33	66.4	53.8	12.2	0	0	0	5	0	2	3	8	4	9	2	0
06:00	128	63.1	54.7	8.1	0	0	0	0	6	5	22	38	31	21	5	0
07:00	173	60.5	53.8	6.5	0	0	0	0	3	6	37	60	45	20	2	0
08:00	204	58.9	51.3	7.3	0	0	0	1	10	33	38	62	44	14	2	0
09:00	158	56.6	50.1	6.2	0	0	0	2	4	24	47	51	23	7	0	0
10:00	162	58.6	50.8	7.5	0	0	1	0	3	31	49	39	20	18	1	0
11:00	139	60.8	52.0	8.5	0	0	3	0	4	24	17	41	32	17	1	0
12:00	117	60.1	52.3	7.5	0	0	0	1	4	14	27	24	35	11	1	0
13:00	155	58.8	50.8	7.7	0	1	0	1	9	16	41	51	22	13	1	0
14:00	144	61.9	52.8	8.8	0	0	0	0	2	30	25	38	22	24	1	2
15:00	191	62.5	53.1	9.0	0	1	0	3	5	23	29	60	39	24	6	1
16:00	201	61.8	52.2	9.3	0	2	6	2	2	17	32	72	37	30	1	0
17:00	201	62.7	55.1	7.4	0	0	0	0	2	11	34	65	42	43	4	0
18:00	137	63.6	55.1	8.2	0	1	1	1	4	4	17	28	52	29	0	0
19:00	128	60.2	52.8	7.1	0	0	0	1	5	10	17	54	29	11	0	1
20:00	56	74.7	63.6	10.7	0	0	0	1	0	2	1	6	9	26	6	5
21:00	43	76.6	63.6	12.5	0	0	0	0	0	2	3	8	7	10	7	6
22:00	15	86.4	75.7	10.4	0	0	0	0	0	0	0	1	1	1	6	6
23:00	4	85.0	85.0	0.0	0	0	0	0	0	0	0	0	0	0	0	4
Total																
2H(10-12)	301	59.6	51.3	8.0	0	0	4	0	7	55	66	80	52	35	2	0
2H(14-16)	335	62.2	53.0	8.9	0	1	0	3	7	53	54	98	61	48	7	3
12H(7-19)	1982	60.8	52.5	8.0	0	5	11	11	52	233	393	591	413	250	20	3
24H(0-24)	2431	62.4	53.3	8.8	0	5	11	20	66	259	443	720	500	336	46	25
AM Peak	08:00 204	01:00 68.1	04:00 57.1	01:00 14.2	00:00 0	00:00 0	11:00 3	05:00 5	08:00 10	08:00 33	10:00 49	08:00 62	07:00 45	06:00 21	06:00 5	00:00 0
PM Peak	16:00 201	22:00 86.4	23:00 85.0	21:00 12.5	12:00 0	16:00 2	16:00 6	15:00 3	13:00 9	14:00 30	13:00 41	16:00 72	18:00 52	17:00 43	21:00 7	21:00 6

B9016

ATC

Speed 25/08/2023

Direction: Northbound

25/08/2023

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
00:00	10	61.1	53.5	7.4	0	0	0	0	1	1	0	1	7	0	0	0
01:00	4	37.5	37.5	0.0	0	0	0	0	4	0	0	0	0	0	0	0
02:00	3	52.5	52.5	0.0	0	0	0	0	0	0	0	3	0	0	0	0
03:00	4	52.0	42.5	9.1	0	0	0	1	1	0	1	1	0	0	0	0
04:00	3	52.2	49.2	2.9	0	0	0	0	0	0	2	1	0	0	0	0
05:00	7	66.8	54.3	12.1	0	0	0	1	0	0	1	2	0	3	0	0
06:00	37	58.7	52.2	6.3	0	0	0	0	2	1	9	15	7	3	0	0
07:00	62	61.4	53.8	7.4	0	0	0	0	1	4	16	17	13	10	1	0
08:00	96	57.7	50.0	7.4	0	0	0	1	6	20	17	32	14	5	1	0
09:00	100	55.1	48.0	6.9	0	0	0	5	12	13	17	48	3	2	0	0
10:00	98	56.1	50.0	5.9	0	0	1	0	1	13	38	25	18	2	0	0
11:00	81	60.2	51.5	8.4	0	0	0	0	5	16	18	16	11	15	0	0
12:00	80	59.5	51.3	8.0	0	0	0	1	4	12	22	13	20	7	1	0
13:00	75	58.1	49.1	8.7	0	1	0	1	6	15	15	25	6	5	1	0
14:00	74	60.5	52.4	7.8	0	0	0	0	1	13	15	22	11	11	1	0
15:00	90	59.2	50.4	8.5	0	0	0	4	3	18	15	25	20	2	3	0
16:00	114	59.7	50.4	9.0	0	1	3	2	0	24	18	35	19	12	0	0
17:00	118	62.7	54.8	7.6	0	0	0	0	0	10	21	35	28	20	4	0
18:00	82	59.5	51.7	7.5	0	0	1	1	6	2	19	25	22	6	0	0
19:00	44	55.3	49.5	5.5	0	0	0	1	3	2	13	21	4	0	0	0
20:00	45	70.9	62.6	8.1	0	0	0	1	0	0	1	7	3	28	5	0
21:00	37	79.4	66.2	12.7	0	0	0	0	0	2	1	4	7	9	7	7
22:00	12	85.0	70.6	13.8	0	0	0	0	0	0	0	1	4	1	1	5
23:00	4	85.0	85.0	0.0	0	0	0	0	0	0	0	0	0	0	0	4
Total																
2H(10-12)	179	58.1	50.7	7.2	0	0	1	0	6	29	56	41	29	17	0	0
2H(14-16)	164	59.8	51.3	8.2	0	0	0	4	4	31	30	47	31	13	4	0
12H(7-19)	1070	59.3	51.1	8.0	0	2	5	15	45	160	231	318	185	97	12	0
24H(0-24)	1280	61.6	52.1	9.1	0	2	5	19	56	166	259	374	217	141	25	16
AM Peak	09:00 100	05:00 66.8	05:00 54.3	05:00 12.1	00:00 0	00:00 0	10:00 1	09:00 5	09:00 12	08:00 20	10:00 38	09:00 48	10:00 18	11:00 15	07:00 1	00:00 0
PM Peak	17:00 118	23:00 85.0	23:00 85.0	22:00 13.8	12:00 0	13:00 1	16:00 3	15:00 4	13:00 6	16:00 24	12:00 22	16:00 35	17:00 28	20:00 28	21:00 7	21:00 7

Direction: Southbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
00:00	2	52.5	52.5	0.0	0	0	0	0	0	0	0	2	0	0	0	0
01:00	2	66.7	61.3	5.3	0	0	0	0	0	0	0	0	1	1	0	0
02:00	2	52.5	52.5	0.0	0	0	0	0	0	0	0	2	0	0	0	0
03:00	4	60.4	49.4	10.7	0	0	0	0	0	2	1	0	0	1	0	0
04:00	11	61.8	54.8	6.8	0	0	0	0	0	1	1	4	3	2	0	0
05:00	35	65.2	57.3	7.6	0	0	0	0	0	1	1	16	8	6	3	0
06:00	81	64.0	57.5	6.3	0	0	0	0	0	2	9	15	29	26	0	0
07:00	121	61.2	54.6	6.3	0	0	0	0	0	2	30	34	37	16	2	0
08:00	105	60.7	53.1	7.3	0	0	0	0	1	16	18	29	24	17	0	0
09:00	91	58.7	51.4	7.0	0	0	0	0	0	16	29	25	8	13	0	0
10:00	68	55.8	49.5	6.1	0	0	0	0	0	20	15	25	4	4	0	0
11:00	68	60.2	51.2	8.7	0	0	2	0	4	8	15	13	19	7	0	0
12:00	46	60.7	53.1	7.3	0	0	0	0	0	7	8	17	5	9	0	0
13:00	61	58.9	52.6	6.0	0	0	0	0	3	2	7	34	12	2	1	0
14:00	87	62.3	53.7	8.2	0	0	0	0	1	19	10	13	25	19	0	0
15:00	115	58.3	50.4	7.6	0	1	0	0	5	15	37	32	14	11	0	0
16:00	110	65.0	56.0	8.7	0	1	0	0	1	3	20	28	24	29	4	0
17:00	83	62.8	53.9	8.6	0	0	0	0	2	11	20	16	9	25	0	0
18:00	54	66.1	57.6	8.1	0	1	0	0	0	1	2	10	22	18	0	0
19:00	50	59.5	52.1	7.2	0	0	0	0	0	9	13	12	9	7	0	0
20:00	19	82.6	69.6	12.5	0	0	0	0	0	1	0	1	1	9	1	6
21:00	6	71.3	63.3	7.7	0	0	0	0	0	0	0	1	1	3	1	0
22:00	17	78.1	75.6	2.4	0	0	0	0	0	0	0	0	0	0	16	1
23:00	1	-	85.0	-	0	0	0	0	0	0	0	0	0	0	0	1
Total																
2H(10-12)	136	58.1	50.3	7.5	0	0	2	0	4	28	30	38	23	11	0	0
2H(14-16)	202	60.1	51.8	8.0	0	1	0	0	6	34	47	45	39	30	0	0
12H(7-19)	1009	61.2	53.1	7.8	0	3	2	0	17	120	211	276	203	170	7	0
24H(0-24)	1239	63.0	54.1	8.5	0	3	2	0	17	136	236	329	255	225	28	8
AM Peak	07:00 121	01:00 66.7	01:00 61.3	03:00 10.7	00:00 0	00:00 0	11:00 2	00:00 0	11:00 4	10:00 20	07:00 30	07:00 34	07:00 37	06:00 26	05:00 3	00:00 0
PM Peak	15:00 115	20:00 82.6	23:00 85.0	20:00 12.5	12:00 0	15:00 1	12:00 0	12:00 0	15:00 5	14:00 19	15:00 37	13:00 34	14:00 25	16:00 29	22:00 16	20:00 6

Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
00:00	12	60.3	53.3	6.7	0	0	0	0	1	1	0	3	7	0	0	0
01:00	6	58.4	45.4	12.5	0	0	0	0	4	0	0	0	1	1	0	0
02:00	5	52.5	52.5	0.0	0	0	0	0	0	0	0	5	0	0	0	0
03:00	8	56.2	45.9	9.9	0	0	0	1	1	2	2	1	0	1	0	0
04:00	14	60.3	53.6	6.5	0	0	0	0	0	1	3	5	3	2	0	0
05:00	42	65.5	56.8	8.4	0	0	0	1	0	1	2	18	8	9	3	0
06:00	118	62.8	55.8	6.7	0	0	0	0	2	3	18	30	36	29	0	0
07:00	183	61.3	54.3	6.7	0	0	0	0	1	6	46	51	50	26	3	0
08:00	201	59.4	51.6	7.5	0	0	0	1	7	36	35	61	38	22	1	0
09:00	191	57.0	49.6	7.2	0	0	0	5	12	29	46	73	11	15	0	0
10:00	166	56.0	49.8	6.0	0	0	1	0	1	33	53	50	22	6	0	0
11:00	149	60.2	51.4	8.5	0	0	2	0	9	24	33	29	30	22	0	0
12:00	126	60.0	51.9	7.8	0	0	0	1	4	19	30	30	25	16	1	0
13:00	136	58.7	50.7	7.8	0	1	0	1	9	17	22	59	18	7	2	0
14:00	161	61.5	53.1	8.0	0	0	0	0	2	32	25	35	36	30	1	0
15:00	205	58.7	50.4	8.0	0	1	0	4	8	33	52	57	34	13	3	0
16:00	224	62.8	53.1	9.3	0	2	3	2	1	27	38	63	43	41	4	0
17:00	201	62.7	54.5	8.0	0	0	0	0	2	21	41	51	37	45	4	0
18:00	136	62.6	54.0	8.3	0	1	1	1	6	3	21	35	44	24	0	0
19:00	94	57.7	50.9	6.6	0	0	0	1	3	11	26	33	13	7	0	0
20:00	64	75.0	64.6	10.0	0	0	0	1	0	1	1	8	4	37	6	6
21:00	43	78.3	65.8	12.1	0	0	0	0	0	2	1	5	8	12	8	7
22:00	29	83.1	73.5	9.2	0	0	0	0	0	0	0	1	4	1	17	6
23:00	5	85.0	85.0	0.0	0	0	0	0	0	0	0	0	0	0	0	5
Total																
2H(10-12)	315	58.1	50.5	7.3	0	0	3	0	10	57	86	79	52	28	0	0
2H(14-16)	366	60.0	51.6	8.1	0	1	0	4	10	65	77	92	70	43	4	0
12H(7-19)	2079	60.3	52.1	8.0	0	5	7	15	62	280	442	594	388	267	19	0
24H(0-24)	2519	62.3	53.1	8.9	0	5	7	19	73	302	495	703	472	366	53	24
AM Peak	08:00 201	05:00 65.5	05:00 56.8	01:00 12.5	00:00 0	00:00 0	11:00 2	09:00 5	09:00 12	08:00 36	10:00 53	09:00 73	07:00 50	06:00 29	05:00 3	00:00 0
PM Peak	16:00 224	23:00 85.0	23:00 85.0	21:00 12.1	12:00 0	16:00 2	16:00 3	15:00 4	13:00 9	15:00 33	15:00 52	16:00 63	18:00 44	17:00 45	22:00 17	21:00 7

B9016

ATC

Speed 26/08/2023

Direction: Northbound

26/08/2023

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
00:00	10	61.1	53.5	7.4	0	0	0	0	1	1	0	1	7	0	0	0
01:00	3	32.5	32.5	0.0	0	0	0	3	0	0	0	0	0	0	0	0
02:00	3	52.5	52.5	0.0	0	0	0	0	0	0	0	3	0	0	0	0
03:00	9	36.8	34.2	2.5	0	0	0	6	3	0	0	0	0	0	0	0
04:00	2	53.7	50.0	3.5	0	0	0	0	0	0	1	1	0	0	0	0
05:00	6	59.9	54.6	5.1	0	0	0	0	0	0	0	5	0	1	0	0
06:00	20	57.1	50.6	6.2	0	0	0	0	1	1	9	4	4	1	0	0
07:00	17	59.4	51.5	7.7	0	0	0	0	2	1	4	3	6	1	0	0
08:00	34	55.5	48.1	7.2	0	0	0	2	4	3	9	11	5	0	0	0
09:00	53	56.4	49.9	6.3	0	0	0	3	2	3	9	32	3	1	0	0
10:00	75	57.4	50.1	7.0	0	0	1	0	3	12	20	22	13	4	0	0
11:00	80	59.8	51.3	8.3	0	0	0	0	4	13	25	13	17	5	3	0
12:00	70	60.5	52.5	7.7	0	0	0	1	2	10	11	17	22	6	1	0
13:00	72	60.1	50.9	8.9	0	1	0	1	4	10	16	15	17	8	0	0
14:00	55	58.6	50.5	7.8	0	0	0	0	1	14	16	10	8	5	1	0
15:00	68	58.0	50.2	7.5	0	0	0	3	2	9	21	15	13	5	0	0
16:00	69	60.2	51.3	8.6	0	0	1	0	5	9	14	20	11	8	1	0
17:00	72	63.1	56.9	5.9	0	0	0	0	1	2	2	17	36	13	1	0
18:00	52	61.4	53.8	7.4	0	0	0	0	3	3	6	17	17	5	1	0
19:00	40	63.9	54.9	8.7	0	0	0	1	3	1	2	13	9	11	0	0
20:00	37	61.4	54.2	6.9	0	0	0	0	0	1	12	7	12	4	1	0
21:00	29	62.4	55.9	6.3	0	0	0	0	0	0	4	11	9	4	1	0
22:00	4	51.3	48.8	2.5	0	0	0	0	0	0	3	1	0	0	0	0
23:00	3	51.8	45.8	5.8	0	0	0	0	0	2	0	1	0	0	0	0
Total																
2H(10-12)	155	58.7	50.7	7.7	0	0	1	0	7	25	45	35	30	9	3	0
2H(14-16)	123	58.2	50.3	7.6	0	0	0	3	3	23	37	25	21	10	1	0
12H(7-19)	717	59.7	51.6	7.9	0	1	2	10	33	89	153	192	168	61	8	0
24H(0-24)	883	60.0	51.7	8.0	0	1	2	20	41	95	184	239	209	82	10	0
AM Peak	11:00 80	00:00 61.1	05:00 54.6	11:00 8.3	00:00 0	00:00 0	10:00 1	03:00 6	08:00 4	11:00 13	11:00 25	09:00 32	11:00 17	11:00 5	11:00 3	00:00 0
PM Peak	13:00 72	19:00 63.9	17:00 56.9	13:00 8.9	12:00 0	13:00 1	16:00 1	15:00 3	16:00 5	14:00 14	15:00 21	16:00 20	17:00 36	17:00 13	12:00 1	12:00 0

Direction: Southbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
00:00	3	52.5	52.5	0.0	0	0	0	0	0	0	0	3	0	0	0	0
01:00	4	63.3	59.4	3.8	0	0	0	0	0	0	0	0	3	1	0	0
02:00	4	52.5	52.5	0.0	0	0	0	0	0	0	0	4	0	0	0	0
03:00	7	51.8	46.1	5.6	0	0	0	0	0	4	2	0	1	0	0	0
04:00	12	60.3	54.4	5.8	0	0	0	0	0	1	1	4	5	1	0	0
05:00	14	68.5	58.4	9.7	0	0	0	0	0	2	1	2	2	6	1	0
06:00	48	64.6	56.3	8.0	0	0	0	0	0	1	8	17	11	7	4	0
07:00	41	61.3	54.3	6.8	0	0	0	0	0	1	12	13	6	9	0	0
08:00	44	60.3	52.7	7.3	0	0	0	0	1	7	7	12	11	6	0	0
09:00	49	55.4	49.6	5.6	0	0	0	0	0	11	15	17	4	2	0	0
10:00	57	58.6	51.5	6.8	0	0	0	0	0	15	5	21	11	5	0	0
11:00	69	58.1	50.4	7.5	0	0	2	0	1	14	9	24	17	2	0	0
12:00	46	59.0	53.0	5.8	0	0	0	0	0	2	11	20	10	2	1	0
13:00	64	59.8	52.4	7.2	0	0	0	0	5	1	14	27	10	6	1	0
14:00	78	62.1	54.6	7.3	0	0	0	0	1	8	13	11	33	11	1	0
15:00	86	62.2	53.5	8.4	0	1	0	0	2	5	16	32	13	16	1	0
16:00	75	59.8	52.8	6.8	0	0	1	0	1	6	12	29	19	7	0	0
17:00	48	60.0	51.0	8.6	0	0	1	1	1	11	3	15	11	5	0	0
18:00	44	62.4	55.4	6.8	0	0	0	0	0	4	5	10	16	9	0	0
19:00	42	60.2	54.2	5.7	0	0	0	0	0	0	9	20	6	7	0	0
20:00	19	66.6	56.1	10.2	0	0	0	0	0	3	1	6	4	4	0	1
21:00	6	57.3	48.3	8.6	0	0	0	1	0	0	2	2	1	0	0	0
22:00	10	61.3	56.8	4.4	0	0	0	0	0	0	1	1	7	1	0	0
23:00	1	-	52.5	-	0	0	0	0	0	0	0	1	0	0	0	0
Total																
2H(10-12)	126	58.3	50.9	7.2	0	0	2	0	1	29	14	45	28	7	0	0
2H(14-16)	164	62.2	54.1	7.9	0	1	0	0	3	13	29	43	46	27	2	0
12H(7-19)	701	60.2	52.6	7.3	0	1	4	1	12	85	122	231	161	80	4	0
24H(0-24)	871	60.8	53.1	7.4	0	1	4	2	12	96	147	291	201	107	9	1
AM Peak	11:00 69	05:00 68.5	01:00 59.4	05:00 9.7	00:00 0	00:00 0	11:00 2	00:00 0	08:00 1	10:00 15	09:00 15	11:00 24	11:00 17	07:00 9	06:00 4	00:00 0
PM Peak	15:00 86	20:00 66.6	22:00 56.8	20:00 10.2	12:00 0	15:00 1	16:00 1	17:00 1	13:00 5	17:00 11	15:00 16	15:00 32	14:00 33	15:00 16	12:00 1	20:00 1

Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
00:00	13	59.9	53.3	6.4	0	0	0	0	1	1	0	4	7	0	0	0
01:00	7	63.0	47.9	14.6	0	0	0	3	0	0	0	0	3	1	0	0
02:00	7	52.5	52.5	0.0	0	0	0	0	0	0	0	7	0	0	0	0
03:00	16	46.9	39.4	7.3	0	0	0	6	3	4	2	0	1	0	0	0
04:00	14	59.6	53.8	5.6	0	0	0	0	0	1	2	5	5	1	0	0
05:00	20	66.2	57.3	8.7	0	0	0	0	0	2	1	7	2	7	1	0
06:00	68	62.8	54.6	7.9	0	0	0	0	1	2	17	21	15	8	4	0
07:00	58	60.8	53.4	7.1	0	0	0	0	2	2	16	16	12	10	0	0
08:00	78	58.5	50.7	7.6	0	0	0	2	5	10	16	23	16	6	0	0
09:00	102	55.9	49.8	5.9	0	0	0	3	2	14	24	49	7	3	0	0
10:00	132	57.9	50.7	7.0	0	0	1	0	3	27	25	43	24	9	0	0
11:00	149	59.0	50.9	7.9	0	0	2	0	5	27	34	37	34	7	3	0
12:00	116	60.0	52.7	7.0	0	0	0	1	2	12	22	37	32	8	2	0
13:00	136	60.1	51.6	8.1	0	1	0	1	9	11	30	42	27	14	1	0
14:00	133	60.9	52.9	7.7	0	0	0	0	2	22	29	21	41	16	2	0
15:00	154	60.5	52.1	8.2	0	1	0	3	4	14	37	47	26	21	1	0
16:00	144	60.1	52.0	7.7	0	0	2	0	6	15	26	49	30	15	1	0
17:00	120	62.5	54.6	7.7	0	0	1	1	2	13	5	32	47	18	1	0
18:00	96	61.9	54.5	7.1	0	0	0	0	3	7	11	27	33	14	1	0
19:00	82	62.1	54.6	7.3	0	0	0	1	3	1	11	33	15	18	0	0
20:00	56	63.2	54.8	8.1	0	0	0	0	0	4	13	13	16	8	1	1
21:00	35	62.1	54.6	7.2	0	0	0	1	0	0	6	13	10	4	1	0
22:00	14	60.0	54.5	5.4	0	0	0	0	0	0	4	2	7	1	0	0
23:00	4	53.5	47.5	5.8	0	0	0	0	0	2	0	2	0	0	0	0
Total																
2H(10-12)	281	58.5	50.8	7.5	0	0	3	0	8	54	59	80	58	16	3	0
2H(14-16)	287	60.7	52.5	8.0	0	1	0	3	6	36	66	68	67	37	3	0
12H(7-19)	1418	60.0	52.1	7.6	0	2	6	11	45	174	275	423	329	141	12	0
24H(0-24)	1754	60.5	52.4	7.8	0	2	6	22	53	191	331	530	410	189	19	1
AM Peak	11:00 149	05:00 66.2	05:00 57.3	01:00 14.6	00:00 0	00:00 0	11:00 2	03:00 6	08:00 5	10:00 27	11:00 34	09:00 49	11:00 34	07:00 10	06:00 4	00:00 0
PM Peak	15:00 154	20:00 63.2	20:00 54.8	15:00 8.2	12:00 0	13:00 1	16:00 2	15:00 3	13:00 9	14:00 22	15:00 37	16:00 49	17:00 47	15:00 21	12:00 2	20:00 1

B9016

ATC

Speed 27/08/2023

Direction: Northbound

27/08/2023

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
00:00	7	60.5	51.8	8.4	0	0	0	0	1	1	0	1	4	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	2	52.5	52.5	0.0	0	0	0	0	0	0	0	2	0	0	0	0
03:00	12	48.2	40.4	7.5	0	0	0	4	3	0	4	1	0	0	0	0
04:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
05:00	4	62.2	45.6	16.0	0	0	0	2	0	0	0	1	0	1	0	0
06:00	9	56.6	50.8	5.6	0	0	0	0	1	0	1	6	1	0	0	0
07:00	12	56.4	49.6	6.6	0	0	0	0	2	0	3	5	2	0	0	0
08:00	19	54.1	48.3	5.6	0	0	0	0	2	2	8	5	2	0	0	0
09:00	31	54.1	48.8	5.2	0	0	0	1	1	3	11	14	1	0	0	0
10:00	74	52.4	46.9	5.3	0	0	1	0	4	19	29	19	2	0	0	0
11:00	90	60.3	52.9	7.2	0	0	0	0	2	14	11	31	19	13	0	0
12:00	66	56.5	49.6	6.6	0	0	0	1	2	13	22	11	15	2	0	0
13:00	64	55.1	47.7	7.2	0	1	0	1	5	12	17	22	6	0	0	0
14:00	71	59.4	51.4	7.6	0	0	0	0	1	15	15	24	6	9	1	0
15:00	52	58.7	51.0	7.5	0	0	0	4	1	3	10	16	17	1	0	0
16:00	68	59.6	49.2	10.0	0	1	4	1	1	10	13	21	12	5	0	0
17:00	58	59.0	53.0	5.8	0	0	0	0	0	6	9	24	14	5	0	0
18:00	43	60.6	52.3	8.0	0	0	1	1	3	1	5	8	24	0	0	0
19:00	27	53.9	48.2	5.5	0	0	0	1	2	2	9	13	0	0	0	0
20:00	31	72.3	63.1	8.9	0	0	0	1	0	0	1	3	3	18	5	0
21:00	25	68.2	58.3	9.6	0	0	0	0	0	3	3	3	4	10	2	0
22:00	6	78.2	64.6	13.2	0	0	0	0	0	0	0	2	1	1	1	1
23:00	1	-	85.0	-	0	0	0	0	0	0	0	0	0	0	0	1
Total																
2H(10-12)	164	57.5	50.2	7.0	0	0	1	0	6	33	40	50	21	13	0	0
2H(14-16)	123	59.1	51.3	7.5	0	0	0	4	2	18	25	40	23	10	1	0
12H(7-19)	648	57.9	50.2	7.4	0	2	6	9	24	98	153	200	120	35	1	0
24H(0-24)	773	59.6	50.9	8.4	0	2	6	18	31	104	171	232	133	65	9	2
AM Peak	11:00 90	05:00 62.2	11:00 52.9	05:00 16.0	00:00 0	00:00 0	10:00 1	03:00 4	10:00 4	10:00 19	10:00 29	11:00 31	11:00 19	11:00 13	00:00 0	00:00 0
PM Peak	14:00 71	22:00 78.2	23:00 85.0	22:00 13.2	12:00 0	13:00 1	16:00 4	15:00 4	13:00 5	14:00 15	12:00 22	14:00 24	18:00 24	20:00 18	20:00 5	22:00 1

Direction: Southbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
00:00	7	52.5	52.5	0.0	0	0	0	0	0	0	0	7	0	0	0	0
01:00	3	67.0	62.5	4.3	0	0	0	0	0	0	0	0	1	2	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	5	61.3	51.0	9.9	0	0	0	0	0	2	1	0	1	1	0	0
04:00	8	61.9	54.7	7.0	0	0	0	0	0	1	1	1	4	1	0	0
05:00	16	63.1	56.3	6.6	0	0	0	0	0	1	1	5	5	4	0	0
06:00	18	61.4	54.6	6.6	0	0	0	0	0	1	4	4	6	3	0	0
07:00	17	60.2	54.0	6.0	0	0	0	0	0	1	3	6	5	2	0	0
08:00	21	54.7	49.2	5.3	0	0	0	0	1	3	8	6	3	0	0	0
09:00	35	55.0	49.4	5.4	0	0	0	0	0	6	17	6	5	1	0	0
10:00	45	57.4	50.9	6.3	0	0	0	0	0	10	10	12	11	2	0	0
11:00	72	57.9	48.4	9.2	0	0	3	0	3	28	3	17	14	3	1	0
12:00	41	57.8	51.8	5.8	0	0	0	0	0	5	13	7	15	1	0	0
13:00	54	57.6	51.2	6.2	0	0	0	0	4	4	10	23	11	2	0	0
14:00	77	61.1	53.1	7.8	0	0	0	0	1	13	15	18	15	15	0	0
15:00	70	61.2	52.1	8.8	0	1	0	0	1	13	9	26	7	13	0	0
16:00	50	62.4	53.7	8.5	0	1	0	0	1	2	7	18	13	8	0	0
17:00	34	63.9	54.6	8.9	0	0	0	0	1	3	7	11	1	10	1	0
18:00	26	64.7	59.2	5.2	0	0	0	0	0	0	1	4	11	10	0	0
19:00	34	61.7	55.4	6.1	0	0	0	0	0	1	4	14	8	7	0	0
20:00	10	64.5	53.0	11.1	0	0	0	0	0	4	0	2	2	1	1	0
21:00	10	76.6	68.0	8.3	0	0	0	0	0	0	0	1	1	3	5	0
22:00	6	80.9	76.7	4.1	0	0	0	0	0	0	0	0	0	0	5	1
23:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
Total																
2H(10-12)	117	57.9	49.4	8.2	0	0	3	0	3	38	13	29	25	5	1	0
2H(14-16)	147	61.2	52.6	8.3	0	1	0	0	2	26	24	44	22	28	0	0
12H(7-19)	542	60.1	52.0	7.8	0	2	3	0	12	88	103	154	111	67	2	0
24H(0-24)	659	61.5	52.9	8.3	0	2	3	0	12	98	114	188	139	89	13	1
AM Peak	11:00	01:00	01:00	03:00	00:00	00:00	11:00	00:00	11:00	11:00	09:00	11:00	11:00	05:00	11:00	00:00
	72	67.0	62.5	9.9	0	0	3	0	3	28	17	17	14	4	1	0
PM Peak	14:00	22:00	22:00	20:00	12:00	15:00	12:00	12:00	13:00	14:00	14:00	15:00	12:00	14:00	21:00	22:00
	77	80.9	76.7	11.1	0	1	0	0	4	13	15	26	15	15	5	1

Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
00:00	14	58.1	52.1	5.7	0	0	0	0	1	1	0	8	4	0	0	0
01:00	3	67.0	62.5	4.3	0	0	0	0	0	0	0	0	1	2	0	0
02:00	2	52.5	52.5	0.0	0	0	0	0	0	0	0	2	0	0	0	0
03:00	17	53.3	43.5	9.4	0	0	0	4	3	2	5	1	1	1	0	0
04:00	9	62.5	52.2	9.9	0	0	0	1	0	1	1	1	4	1	0	0
05:00	20	64.2	54.1	9.7	0	0	0	2	0	1	1	6	5	5	0	0
06:00	27	60.0	53.3	6.4	0	0	0	0	1	1	5	10	7	3	0	0
07:00	29	58.9	52.2	6.5	0	0	0	0	2	1	6	11	7	2	0	0
08:00	40	54.3	48.8	5.4	0	0	0	0	3	5	16	11	5	0	0	0
09:00	66	54.6	49.1	5.2	0	0	0	1	1	9	28	20	6	1	0	0
10:00	119	54.6	48.4	6.0	0	0	1	0	4	29	39	31	13	2	0	0
11:00	162	59.6	50.9	8.4	0	0	3	0	5	42	14	48	33	16	1	0
12:00	107	57.1	50.5	6.4	0	0	0	1	2	18	35	18	30	3	0	0
13:00	118	56.5	49.3	6.9	0	1	0	1	9	16	27	45	17	2	0	0
14:00	148	60.3	52.3	7.7	0	0	0	0	2	28	30	42	21	24	1	0
15:00	122	60.2	51.6	8.2	0	1	0	4	2	16	19	42	24	14	0	0
16:00	118	61.0	51.1	9.6	0	2	4	1	2	12	20	39	25	13	0	0
17:00	92	61.0	53.6	7.1	0	0	0	0	1	9	16	35	15	15	1	0
18:00	69	63.0	54.9	7.8	0	0	1	1	3	1	6	12	35	10	0	0
19:00	61	59.2	52.2	6.8	0	0	0	1	2	3	13	27	8	7	0	0
20:00	41	71.3	60.6	10.3	0	0	0	1	0	4	1	5	5	19	6	0
21:00	35	71.6	61.1	10.2	0	0	0	0	0	3	3	4	5	13	7	0
22:00	12	82.3	70.6	11.2	0	0	0	0	0	0	0	2	1	1	6	2
23:00	1	-	85.0	-	0	0	0	0	0	0	0	0	0	0	0	1
Total																
2H(10-12)	281	57.7	49.9	7.6	0	0	4	0	9	71	53	79	46	18	1	0
2H(14-16)	270	60.2	52.0	8.0	0	1	0	4	4	44	49	84	45	38	1	0
12H(7-19)	1190	59.0	51.0	7.7	0	4	9	9	36	186	256	354	231	102	3	0
24H(0-24)	1432	60.5	51.8	8.4	0	4	9	18	43	202	285	420	272	154	22	3
AM Peak	11:00 162	01:00 67.0	01:00 62.5	04:00 9.9	00:00 0	00:00 0	11:00 3	03:00 4	11:00 5	11:00 42	10:00 39	11:00 48	11:00 33	11:00 16	11:00 1	00:00 0
PM Peak	14:00 148	22:00 82.3	23:00 85.0	22:00 11.2	12:00 0	16:00 2	16:00 4	15:00 4	13:00 9	14:00 28	12:00 35	13:00 45	18:00 35	14:00 24	21:00 7	22:00 2

B9016

ATC

Speed 28/08/2023

Direction: Northbound

28/08/2023

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
00:00	8	60.8	52.5	8.0	0	0	0	0	1	1	0	1	5	0	0	0
01:00	1	-	37.5	-	0	0	0	0	1	0	0	0	0	0	0	0
02:00	2	52.5	52.5	0.0	0	0	0	0	0	0	0	2	0	0	0	0
03:00	5	49.9	40.5	9.1	0	0	0	2	1	0	1	1	0	0	0	0
04:00	2	53.7	50.0	3.5	0	0	0	0	0	0	1	1	0	0	0	0
05:00	5	62.2	50.0	11.7	0	0	0	1	0	0	1	2	0	1	0	0
06:00	36	60.5	52.0	8.2	0	0	0	0	5	3	4	7	14	3	0	0
07:00	69	60.7	53.7	6.8	0	0	0	0	3	3	10	24	22	6	1	0
08:00	88	56.2	49.1	6.8	0	0	0	1	5	19	21	32	6	3	1	0
09:00	83	56.0	49.6	6.2	0	0	0	4	4	5	18	47	3	2	0	0
10:00	78	55.7	49.1	6.3	0	0	1	0	1	12	37	18	4	5	0	0
11:00	83	59.4	52.0	7.1	0	0	0	0	1	13	22	18	21	7	1	0
12:00	66	58.9	50.9	7.7	0	0	0	1	2	14	13	16	13	7	0	0
13:00	90	60.1	50.5	9.3	0	1	0	0	8	14	17	29	12	7	1	1
14:00	62	63.6	53.3	9.9	0	0	0	0	2	10	14	14	10	9	1	2
15:00	96	61.5	50.7	10.5	0	0	0	10	2	17	13	25	18	5	6	0
16:00	99	59.7	50.1	9.3	0	1	3	2	1	15	22	32	13	9	1	0
17:00	106	62.1	54.7	7.1	0	0	0	0	0	9	15	32	35	11	4	0
18:00	74	58.9	51.1	7.6	0	0	1	1	5	4	19	19	21	4	0	0
19:00	43	55.6	49.1	6.2	0	0	0	1	2	7	14	10	9	0	0	0
20:00	31	71.1	61.9	8.9	0	0	0	1	0	0	1	4	5	16	4	0
21:00	37	75.1	62.4	12.3	0	0	0	0	0	4	1	6	6	11	5	4
22:00	11	74.6	63.6	10.6	0	0	0	0	0	0	0	2	4	2	2	1
23:00	4	85.0	85.0	0.0	0	0	0	0	0	0	0	0	0	0	0	4
Total																
2H(10-12)	161	57.8	50.6	6.9	0	0	1	0	2	25	59	36	25	12	1	0
2H(14-16)	158	62.4	51.7	10.3	0	0	0	10	4	27	27	39	28	14	7	2
12H(7-19)	994	59.7	51.2	8.2	0	2	5	19	34	135	221	306	178	75	16	3
24H(0-24)	1179	61.3	52.0	9.0	0	2	5	24	44	150	244	342	221	108	27	12
AM Peak	08:00 88	05:00 62.2	07:00 53.7	05:00 11.7	00:00 0	00:00 0	10:00 1	09:00 4	06:00 5	08:00 19	10:00 37	09:00 47	07:00 22	11:00 7	07:00 1	00:00 0
PM Peak	17:00 106	23:00 85.0	23:00 85.0	21:00 12.3	12:00 0	13:00 1	16:00 3	15:00 10	13:00 8	15:00 17	16:00 22	16:00 32	17:00 35	20:00 16	15:00 6	21:00 4

Direction: Southbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
00:00	4	52.5	52.5	0.0	0	0	0	0	0	0	0	4	0	0	0	0
01:00	2	66.7	61.3	5.3	0	0	0	0	0	0	0	0	1	1	0	0
02:00	1	-	52.5	-	0	0	0	0	0	0	0	1	0	0	0	0
03:00	4	54.8	47.5	7.1	0	0	0	0	0	2	1	0	1	0	0	0
04:00	19	63.5	55.7	7.5	0	0	0	0	0	2	1	8	2	6	0	0
05:00	40	66.2	57.0	8.8	0	0	0	0	0	3	1	15	13	4	3	1
06:00	81	63.4	55.9	7.2	0	0	0	0	0	3	17	20	18	22	1	0
07:00	116	62.3	55.1	7.0	0	0	0	0	0	4	23	38	30	17	4	0
08:00	122	61.2	53.1	7.8	0	0	0	0	1	24	15	36	24	21	1	0
09:00	83	61.0	53.6	7.2	0	0	0	0	0	9	20	24	13	17	0	0
10:00	68	57.3	50.9	6.2	0	0	0	0	0	14	16	22	12	4	0	0
11:00	68	60.5	51.6	8.6	0	0	3	0	4	4	9	21	23	4	0	0
12:00	49	61.8	54.1	7.4	0	0	0	0	0	5	10	14	11	8	1	0
13:00	53	58.8	51.2	7.3	0	0	0	0	4	4	13	22	5	4	1	0
14:00	80	60.8	52.8	7.7	0	0	0	0	2	11	17	22	13	15	0	0
15:00	92	61.6	52.3	9.0	0	1	0	0	2	13	19	30	13	12	1	1
16:00	96	65.8	56.5	9.0	0	1	0	0	1	4	13	25	20	28	4	0
17:00	94	63.3	54.5	8.5	0	0	0	0	2	10	22	18	14	27	1	0
18:00	54	66.4	57.9	8.2	0	1	0	0	0	1	1	12	19	20	0	0
19:00	65	60.2	53.0	7.0	0	0	0	0	0	9	12	24	9	11	0	0
20:00	13	88.9	73.3	15.1	0	0	0	0	0	1	0	1	1	2	1	7
21:00	11	75.9	66.8	8.8	0	0	0	0	0	0	0	1	1	6	2	1
22:00	9	79.6	76.1	3.3	0	0	0	0	0	0	0	0	0	0	8	1
23:00	1	-	85.0	-	0	0	0	0	0	0	0	0	0	0	0	1
Total																
2H(10-12)	136	59.0	51.2	7.5	0	0	3	0	4	18	25	43	35	8	0	0
2H(14-16)	172	61.2	52.5	8.4	0	1	0	0	4	24	36	52	26	27	1	1
12H(7-19)	975	62.1	53.7	8.1	0	3	3	0	16	103	178	284	197	177	13	1
24H(0-24)	1225	63.4	54.4	8.7	0	3	3	0	16	123	210	358	243	229	28	12
AM Peak	08:00 122	01:00 66.7	01:00 61.3	05:00 8.8	00:00 0	00:00 0	11:00 3	00:00 0	11:00 4	08:00 24	07:00 23	07:00 38	07:00 30	06:00 22	07:00 4	05:00 1
PM Peak	16:00 96	20:00 88.9	23:00 85.0	20:00 15.1	12:00 0	15:00 1	12:00 0	12:00 0	13:00 4	15:00 13	17:00 22	15:00 30	16:00 20	16:00 28	22:00 8	20:00 7

Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
00:00	12	59.1	52.5	6.4	0	0	0	0	1	1	0	5	5	0	0	0
01:00	3	68.1	53.3	14.2	0	0	0	0	1	0	0	0	1	1	0	0
02:00	3	52.5	52.5	0.0	0	0	0	0	0	0	0	3	0	0	0	0
03:00	9	52.5	43.6	8.6	0	0	0	2	1	2	2	1	1	0	0	0
04:00	21	62.8	55.1	7.4	0	0	0	0	0	2	2	9	2	6	0	0
05:00	45	65.9	56.2	9.3	0	0	0	1	0	3	2	17	13	5	3	1
06:00	117	62.7	54.7	7.7	0	0	0	0	5	6	21	27	32	25	1	0
07:00	185	61.7	54.6	6.9	0	0	0	0	3	7	33	62	52	23	5	0
08:00	210	59.4	51.4	7.6	0	0	0	1	6	43	36	68	30	24	2	0
09:00	166	58.8	51.6	7.0	0	0	0	4	4	14	38	71	16	19	0	0
10:00	146	56.5	49.9	6.3	0	0	1	0	1	26	53	40	16	9	0	0
11:00	151	59.9	51.8	7.8	0	0	3	0	5	17	31	39	44	11	1	0
12:00	115	60.3	52.3	7.7	0	0	0	1	2	19	23	30	24	15	1	0
13:00	143	59.7	50.8	8.6	0	1	0	0	12	18	30	51	17	11	2	1
14:00	142	62.1	53.0	8.7	0	0	0	0	4	21	31	36	23	24	1	2
15:00	188	61.6	51.4	9.8	0	1	0	10	4	30	32	55	31	17	7	1
16:00	195	63.3	53.3	9.7	0	2	3	2	2	19	35	57	33	37	5	0
17:00	200	62.7	54.6	7.8	0	0	0	0	2	19	37	50	49	38	5	0
18:00	128	62.8	54.0	8.5	0	1	1	1	5	5	20	31	40	24	0	0
19:00	108	58.6	51.5	6.9	0	0	0	1	2	16	26	34	18	11	0	0
20:00	44	77.8	65.2	12.1	0	0	0	1	0	1	1	5	6	18	5	7
21:00	48	75.5	63.4	11.7	0	0	0	0	0	4	1	7	7	17	7	5
22:00	20	79.8	69.3	10.2	0	0	0	0	0	0	0	2	4	2	10	2
23:00	5	85.0	85.0	0.0	0	0	0	0	0	0	0	0	0	0	0	5
Total																
2H(10-12)	297	58.3	50.9	7.2	0	0	4	0	6	43	84	79	60	20	1	0
2H(14-16)	330	61.8	52.1	9.4	0	1	0	10	8	51	63	91	54	41	8	3
12H(7-19)	1969	61.0	52.4	8.2	0	5	8	19	50	238	399	590	375	252	29	4
24H(0-24)	2404	62.5	53.2	8.9	0	5	8	24	60	273	454	700	464	337	55	24
AM Peak	08:00 210	01:00 68.1	05:00 56.2	01:00 14.2	00:00 0	00:00 0	11:00 3	09:00 4	08:00 6	08:00 43	10:00 53	09:00 71	07:00 52	06:00 25	07:00 5	05:00 1
PM Peak	17:00 200	23:00 85.0	23:00 85.0	20:00 12.1	12:00 0	16:00 2	16:00 3	15:00 10	13:00 12	15:00 30	17:00 37	16:00 57	17:00 49	17:00 38	22:00 10	20:00 7



Making Sustainability Happen