



Cottingham Road Speed Statistics

Grand Total

Site: Cottingham Rd
Description: 210 Cottingham Rd
Filter time: 15:00 Monday, July 20, 2015 => 15:00 Thursday, July 23, 2015 (3)
Author: Joseph Kelly
RSU Installers: Joseph Kelly

Vehicles = 968

Posted speed limit = 80 km/h, Exceeding = 441 (45.56%), Mean Exceeding = 90.57 km/h

Maximum = 124.2 km/h, Minimum = 14.0 km/h, Mean = 76.8 km/h

85% Speed = 92.5 km/h, 95% Speed = 100.8 km/h, Median = 78.1 km/h

16 km/h Pace = 71 - 87, Number in Pace = 415 (42.87%)

Variance = 279.11, Standard Deviation = 16.71 km/h

Speed Bins

Speed	Bin	Below	Above	Energy	vMult	n * vMult
0 - 10	0 0.0%	0 0.0%	968 100.0%	0.00	0.00	0.00
10 - 20	4 0.4%	4 0.4%	964 99.6%	0.00	0.00	0.00
20 - 30	5 0.5%	9 0.9%	959 99.1%	0.00	0.00	0.00
30 - 40	17 1.8%	26 2.7%	942 97.3%	0.00	0.00	0.00
40 - 50	50 5.2%	76 7.9%	892 92.1%	0.00	0.00	0.00
50 - 60	69 7.1%	145 15.0%	823 85.0%	0.00	0.00	0.00
60 - 70	133 13.7%	278 28.7%	690 71.3%	0.00	0.00	0.00
70 - 80	249 25.7%	527 54.4%	441 45.6%	0.00	0.00	0.00
80 - 90	240 24.8%	767 79.2%	201 20.8%	0.00	0.00	0.00
90 - 100	140 14.5%	907 93.7%	61 6.3%	0.00	0.00	0.00
100 - 110	47 4.9%	954 98.6%	14 1.4%	0.00	0.00	0.00
110 - 120	12 1.2%	966 99.8%	2 0.2%	0.00	0.00	0.00
120 - 130	2 0.2%	968 100.0%	0 0.0%	0.00	0.00	0.00
130 - 140	0 0.0%	968 100.0%	0 0.0%	0.00	0.00	0.00
140 - 150	0 0.0%	968 100.0%	0 0.0%	0.00	0.00	0.00
150 - 160	0 0.0%	968 100.0%	0 0.0%	0.00	0.00	0.00
160 - 170	0 0.0%	968 100.0%	0 0.0%	0.00	0.00	0.00
170 - 180	0 0.0%	968 100.0%	0 0.0%	0.00	0.00	0.00
180 - 190	0 0.0%	968 100.0%	0 0.0%	0.00	0.00	0.00
190 - 200	0 0.0%	968 100.0%	0 0.0%	0.00	0.00	0.00

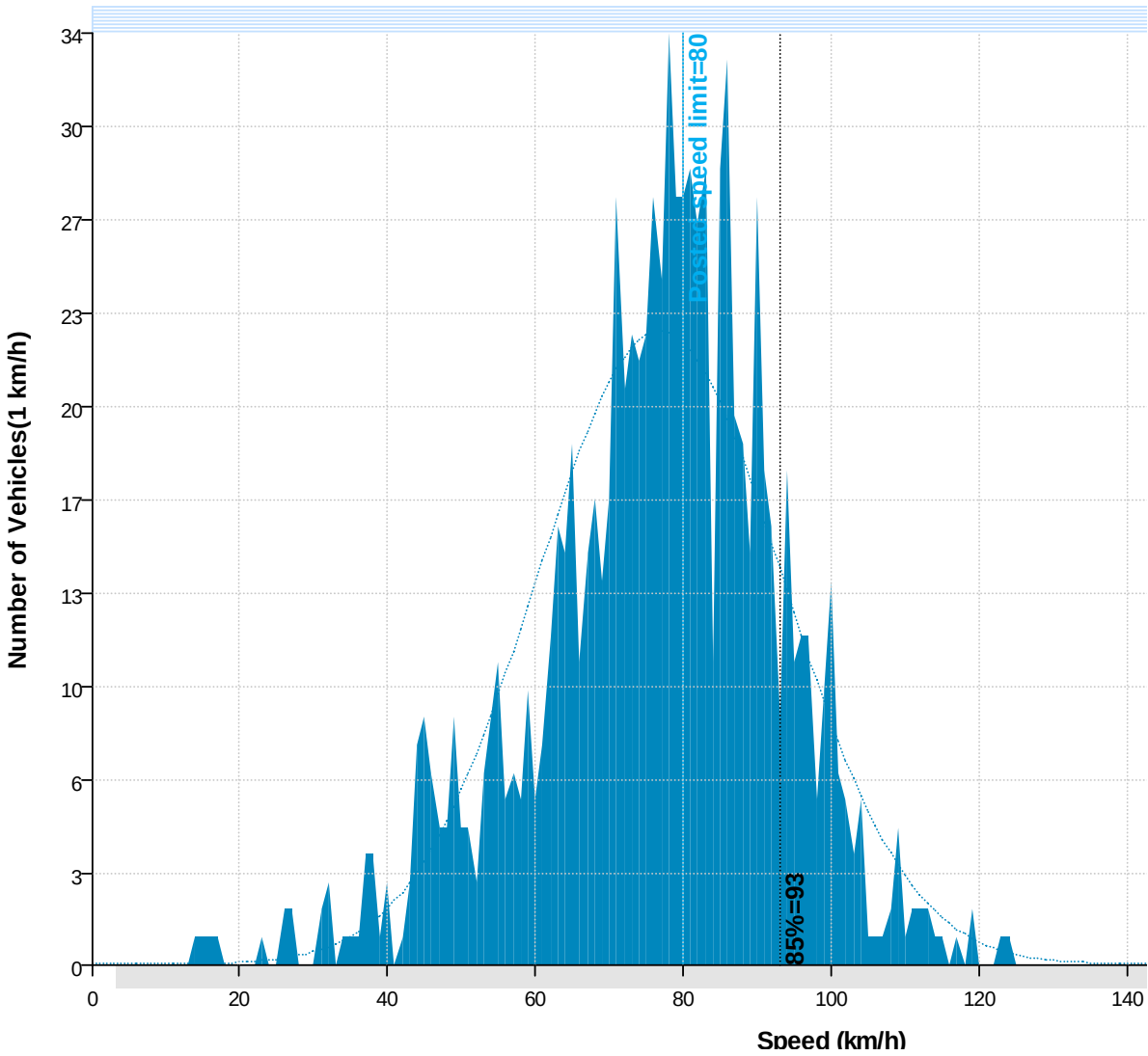
Total Speed Rating = 0.00

Total Moving Energy (Estimated) = 0.00

Speed limit fields

Limit	Below	Above
0 80 (PSL)	527 54.4%	441 45.6%

Speed Histogram



Speed Statistics by Hour

Hour Bins

Time	Bin		Min	Max	Mean	Median	85%	95%	>PSL 80 km/h	
0000	17	1.8%	36.6	96.2	76.3	77.8	90.0	95.4	8	47.1%
0100	14	1.4%	53.8	123.3	83.4	83.2	95.4	100.4	9	64.3%
0200	7	0.7%	71.6	96.4	83.9	87.1	91.1	96.1	4	57.1%
0300	0	0.0%	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0%
0400	3	0.3%	48.7	63.9	54.3	50.0	63.7	63.7	0	0.0%
0500	6	0.6%	57.1	94.2	76.4	66.6	90.0	94.0	3	50.0%
0600	7	0.7%	63.3	103.9	86.4	86.0	100.8	103.7	4	57.1%
0700	7	0.7%	70.1	89.2	81.5	83.2	88.6	88.9	4	57.1%
0800	17	1.8%	44.8	108.9	81.9	83.9	97.9	101.5	9	52.9%
0900	61	6.3%	44.1	101.1	77.0	78.8	89.6	94.7	26	42.6%
1000	58	6.0%	16.4	109.8	76.3	82.8	94.7	100.8	34	58.6%
1100	53	5.5%	45.4	100.3	80.4	81.0	90.4	96.5	31	58.5%
1200	53	5.5%	45.0	109.6	73.8	76.3	90.4	100.1	24	45.3%
1300	50	5.2%	40.9	104.8	73.1	73.4	87.8	95.0	15	30.0%
1400	42	4.3%	17.3	124.2	75.8	75.2	95.4	103.0	17	40.5%
1500	50	5.2%	43.4	104.1	80.4	83.2	93.2	103.7	29	58.0%
1600	51	5.3%	14.0	102.0	74.9	78.1	85.0	92.2	20	39.2%
1700	78	8.1%	27.2	100.4	74.2	74.5	85.7	95.8	25	32.1%
1800	78	8.1%	31.3	112.2	78.9	79.2	90.7	98.6	39	50.0%
1900	107	11.1%	15.6	119.8	77.8	79.2	92.5	102.6	51	47.7%
2000	74	7.6%	27.9	115.5	77.1	79.2	92.2	101.5	37	50.0%
2100	53	5.5%	37.8	119.9	76.2	76.3	94.3	109.1	22	41.5%
2200	49	5.1%	43.4	111.3	73.3	71.3	91.1	100.8	16	32.7%
2300	33	3.4%	42.5	109.4	77.7	76.7	92.9	107.3	14	42.4%
----	968	100.0%	14.0	124.2	76.8	78.1	92.5	100.8	441	45.6%

Daily Summaries

Column Legend:

0 [Time]	24-hour time (0000 - 2359)
1 [Total]	Number in time step
2 [Vbin]	Speed bin totals
3 [Mean]	Average speed
4 [Vpp]	Percentile speed

* Monday, July 20, 2015

Time	Total	Vbin 10 20	Vbin 20 30	Vbin 30 40	Vbin 40 50	Vbin 50 60	Vbin 60 70	Vbin 70 80	Vbin 80 90	Vbin 90 100	Vbin 100 110	Vbin 110 120	Vbin 120 130	Vbin 130 140	Vbin 140 150	Vbin 150 160	Mean	Vpp 85
1500	19	0	0	0	2	0	3	2	8	3	1	0	0	0	0	0	79.7	93.2
1600	18	0	0	0	0	1	1	6	8	2	0	0	0	0	0	0	79.7	85.0
1700	27	0	0	1	0	1	5	8	7	4	1	0	0	0	0	0	77.0	91.8
1800	30	0	0	1	0	1	3	8	12	5	0	0	0	0	0	0	79.3	90.0
1900	41	1	0	0	2	2	8	11	13	1	2	1	0	0	0	0	75.3	87.5
2000	22	0	0	2	2	1	3	1	7	4	0	2	0	0	0	0	77.6	92.2
2100	19	0	0	1	1	4	2	3	5	2	0	1	0	0	0	0	73.7	88.9
2200	18	0	0	0	4	1	3	5	0	2	2	1	0	0	0	0	72.3	92.9
2300	9	0	0	0	1	2	2	2	2	0	0	0	0	0	0	0	68.9	-
07-19	94	0	0	2	2	3	12	24	35	14	2	0	0	0	0	0	78.8	91.8
06-22	176	1	0	5	7	10	25	39	60	21	4	4	0	0	0	0	77.3	91.1
06-00	203	1	0	5	12	13	30	46	62	23	6	5	0	0	0	0	76.5	91.8
00-00	203	1	0	5	12	13	30	46	62	23	6	5	0	0	0	0	76.5	91.8

* Tuesday, July 21, 2015

Time	Total	Vbin 10 20	Vbin 20 30	Vbin 30 40	Vbin 40 50	Vbin 50 60	Vbin 60 70	Vbin 70 80	Vbin 80 90	Vbin 90 100	Vbin 100 110	Vbin 110 120	Vbin 120 130	Vbin 130 140	Vbin 140 150	Vbin 150 160	Mean	Vpp 85
0000	6	0	0	1	1	0	1	0	1	2	0	0	0	0	0	0	68.8	-
0100	4	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	101.5	-
0200	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	91.3	-
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0400	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	50.2	-
0500	2	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	80.6	-
0600	4	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	81.1	-
0700	3	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	82.7	-
0800	5	0	0	0	1	0	0	2	0	2	0	0	0	0	0	0	78.2	-
0900	24	0	0	0	1	2	3	9	7	2	0	0	0	0	0	0	75.2	85.7
1000	22	0	0	2	3	0	2	5	6	3	1	0	0	0	0	0	72.2	91.1
1100	14	0	0	0	1	0	2	1	8	1	1	0	0	0	0	0	80.4	88.2
1200	17	0	0	0	3	3	2	2	6	0	1	0	0	0	0	0	70.6	82.8
1300	15	0	0	0	2	1	4	4	3	1	0	0	0	0	0	0	69.6	85.7
1400	12	0	0	0	0	1	3	3	2	1	1	1	0	0	0	0	80.4	95.4
1500	14	0	0	0	0	1	2	4	4	2	1	0	0	0	0	0	79.8	90.0
1600	18	0	0	0	0	1	2	9	4	1	1	0	0	0	0	0	77.8	82.1
1700	27	0	1	0	2	2	6	12	3	0	1	0	0	0	0	0	69.7	79.6
1800	29	0	0	0	2	1	4	12	5	4	0	1	0	0	0	0	75.9	90.0
1900	26	0	0	0	2	3	2	7	7	3	0	2	0	0	0	0	77.9	91.1
2000	30	0	1	0	1	0	3	7	10	3	5	0	0	0	0	0	81.6	100.1
2100	22	0	0	1	1	1	4	5	2	5	1	2	0	0	0	0	79.9	98.6
2200	18	0	0	0	0	3	2	5	3	4	1	0	0	0	0	0	77.6	90.0
2300	16	0	0	0	0	2	0	5	3	3	3	0	0	0	0	0	83.8	107.3
07-19	200	0	1	2	15	12	30	64	50	17	7	2	0	0	0	0	74.8	88.6
06-22	282	0	2	3	19	16	40	84	70	28	14	6	0	0	0	0	76.3	90.7
06-00	316	0	2	3	19	21	42	94	76	35	18	6	0	0	0	0	76.8	91.1
00-00	330	0	2	4	20	22	44	94	78	40	19	6	1	0	0	0	76.9	91.8

*** Wednesday, July 22, 2015**

Time	Total	Vbin 10 20	Vbin 20 30	Vbin 30 40	Vbin 40 50	Vbin 50 60	Vbin 60 70	Vbin 70 80	Vbin 80 90	Vbin 90 100	Vbin 100 110	Vbin 110 120	Vbin 120 130	Vbin 130 140	Vbin 140 150	Vbin 150 160	Mean	Vpp 85
0000	6	0	0	0	0	0	1	2	1	2	0	0	0	0	0	0	80.6	-
0100	5	0	0	0	0	1	2	0	1	1	0	0	0	0	0	0	71.3	-
0200	3	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	77.1	-
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0400	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	48.7	-
0500	3	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	69.0	-
0600	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	90.7	-
0700	2	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	80.3	-
0800	7	0	0	0	2	0	0	2	0	2	1	0	0	0	0	0	77.5	-
0900	19	0	0	0	0	3	1	6	6	3	0	0	0	0	0	0	78.2	87.5
1000	25	1	0	1	1	1	2	2	6	10	1	0	0	0	0	0	80.2	94.7
1100	20	0	0	0	0	0	6	3	7	4	0	0	0	0	0	0	78.8	90.4
1200	21	0	0	0	2	3	3	4	4	2	3	0	0	0	0	0	75.1	90.4
1300	19	0	0	0	0	2	2	8	3	3	1	0	0	0	0	0	78.6	91.1
1400	16	1	2	0	0	1	2	6	2	1	0	0	1	0	0	0	67.9	83.9
1500	17	0	0	0	1	0	1	5	6	2	2	0	0	0	0	0	81.8	90.4
1600	15	1	1	1	0	1	3	4	3	1	0	0	0	0	0	0	65.6	86.8
1700	24	0	0	1	0	1	4	9	6	3	0	0	0	0	0	0	76.2	85.3
1800	19	0	0	0	0	1	3	3	7	2	2	1	0	0	0	0	83.0	98.6
1900	40	0	0	1	0	5	2	10	10	9	3	0	0	0	0	0	80.2	94.3
2000	22	0	0	2	3	1	2	8	4	2	0	0	0	0	0	0	70.4	86.8
2100	12	0	0	0	0	2	4	2	2	1	1	0	0	0	0	0	73.2	89.3
2200	13	0	0	0	2	0	6	2	2	1	0	0	0	0	0	0	68.7	82.8
2300	8	0	0	0	1	0	1	3	2	1	0	0	0	0	0	0	75.4	-
07-19	204	3	3	3	6	13	27	53	51	33	10	1	1	0	0	0	77.0	94.0
06-22	280	3	3	6	9	21	35	74	67	45	15	1	1	0	0	0	76.9	94.0
06-00	301	3	3	6	12	21	42	79	71	47	15	1	1	0	0	0	76.5	93.2
00-00	319	3	3	6	13	23	46	83	75	50	15	1	1	0	0	0	76.3	92.9

*** Thursday, July 23, 2015**

Time	Total	Vbin 10 20	Vbin 20 30	Vbin 30 40	Vbin 40 50	Vbin 50 60	Vbin 60 70	Vbin 70 80	Vbin 80 90	Vbin 90 100	Vbin 100 110	Vbin 110 120	Vbin 120 130	Vbin 130 140	Vbin 140 150	Vbin 150 160	Mean	Vpp 85
0000	5	0	0	0	0	0	1	2	1	1	0	0	0	0	0	0	80.0	-
0100	5	0	0	0	0	0	1	1	2	1	0	0	0	0	0	0	81.2	-
0200	3	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	88.3	-
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0400	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	63.9	-
0500	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	90.0	-
0600	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	98.8	-
0700	2	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	80.8	-
0800	5	0	0	0	0	0	0	1	1	2	1	0	0	0	0	0	91.8	-
0900	18	0	0	0	2	2	0	6	4	3	1	0	0	0	0	0	78.2	90.7
1000	11	0	0	2	2	0	0	0	1	3	3	0	0	0	0	0	75.5	99.7
1100	19	0	0	0	0	0	1	8	7	3	0	0	0	0	0	0	82.1	89.6
1200	15	0	0	0	0	4	2	1	4	3	1	0	0	0	0	0	75.5	91.8
1300	16	0	0	0	1	4	4	3	2	2	0	0	0	0	0	0	69.8	82.8
1400	14	0	0	0	0	1	3	2	2	5	1	0	0	0	0	0	81.0	92.5
07-19	100	0	0	2	5	11	10	22	22	21	7	0	0	0	0	0	78.0	94.0
06-22	101	0	0	2	5	11	10	22	22	22	7	0	0	0	0	0	78.2	96.1
06-00	101	0	0	2	5	11	10	22	22	22	7	0	0	0	0	0	78.2	96.1
00-00	116	0	0	2	5	11	13	26	25	27	7	0	0	0	0	0	78.7	95.4

*** Grand Total**

Time	Total	Vbin 10 20	Vbin 20 30	Vbin 30 40	Vbin 40 50	Vbin 50 60	Vbin 60 70	Vbin 70 80	Vbin 80 90	Vbin 90 100	Vbin 100 110	Vbin 110 120	Vbin 120 130	Vbin 130 140	Vbin 140 150	Vbin 150 160	Mean	Vpp 85
--	968	4	5	17	50	69	133	249	240	140	47	12	2	0	0	0	76.8	92.5

In profile: Vehicles = 968 / 1024 (94.53%)



Meadowview Road Speed Statistics

Grand Total

Site: Meadowview Rd
Description: 431 Meadowview Rd
Filter time: 15:00 Monday, July 20, 2015 => 15:00 Thursday, July 23, 2015 (3)
Author: Joseph Kelly
RSU Installers: Joseph Kelly

Vehicles = 322

Posted speed limit = 80 km/h, Exceeding = 66 (20.50%), Mean Exceeding = 88.28 km/h

Maximum = 104.3 km/h, Minimum = 13.3 km/h, Mean = 66.7 km/h

85% Speed = 82.8 km/h, 95% Speed = 91.4 km/h, Median = 68.0 km/h

16 km/h Pace = 61 - 77, Number in Pace = 137 (42.55%)

Variance = 286.95, Standard Deviation = 16.94 km/h

Speed Bins

Speed	Bin	Below	Above	Energy	vMult	n * vMult
0 - 10	0 0.0%	0 0.0%	322 100.0%	0.00	0.00	0.00
10 - 20	4 1.2%	4 1.2%	318 98.8%	0.00	0.00	0.00
20 - 30	3 0.9%	7 2.2%	315 97.8%	0.00	0.00	0.00
30 - 40	17 5.3%	24 7.5%	298 92.5%	0.00	0.00	0.00
40 - 50	30 9.3%	54 16.8%	268 83.2%	0.00	0.00	0.00
50 - 60	40 12.4%	94 29.2%	228 70.8%	0.00	0.00	0.00
60 - 70	87 27.0%	181 56.2%	141 43.8%	0.00	0.00	0.00
70 - 80	75 23.3%	256 79.5%	66 20.5%	0.00	0.00	0.00
80 - 90	44 13.7%	300 93.2%	22 6.8%	0.00	0.00	0.00
90 - 100	17 5.3%	317 98.4%	5 1.6%	0.00	0.00	0.00
100 - 110	5 1.6%	322 100.0%	0 0.0%	0.00	0.00	0.00
110 - 120	0 0.0%	322 100.0%	0 0.0%	0.00	0.00	0.00
120 - 130	0 0.0%	322 100.0%	0 0.0%	0.00	0.00	0.00
130 - 140	0 0.0%	322 100.0%	0 0.0%	0.00	0.00	0.00
140 - 150	0 0.0%	322 100.0%	0 0.0%	0.00	0.00	0.00
150 - 160	0 0.0%	322 100.0%	0 0.0%	0.00	0.00	0.00
160 - 170	0 0.0%	322 100.0%	0 0.0%	0.00	0.00	0.00
170 - 180	0 0.0%	322 100.0%	0 0.0%	0.00	0.00	0.00
180 - 190	0 0.0%	322 100.0%	0 0.0%	0.00	0.00	0.00
190 - 200	0 0.0%	322 100.0%	0 0.0%	0.00	0.00	0.00

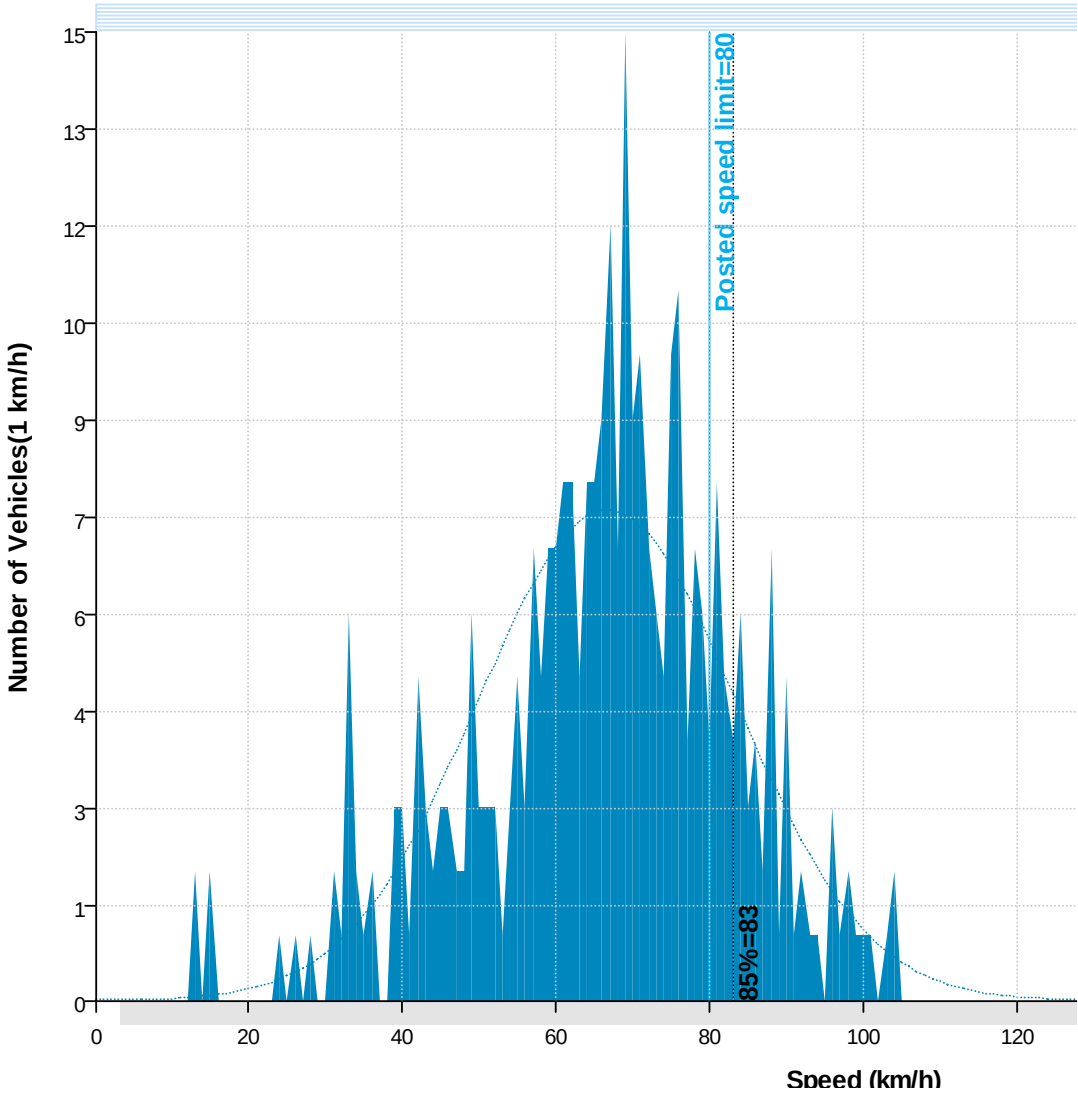
Total Speed Rating = 0.00

Total Moving Energy (Estimated) = 0.00

Speed limit fields

Limit	Below	Above
0 80 (PSL)	256 79.5%	66 20.5%

Speed Histogram



Speed Statistics by Hour

Hour Bins

Time	Bin		Min	Max	Mean	Median	85%	95%	>PSL 80 km/h	
0000	6	1.9%	49.2	90.4	72.4	70.9	81.0	90.4	2	33.3%
0100	1	0.3%	55.3	55.3	55.3	55.1	55.1	55.1	0	0.0%
0200	0	0.0%	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0%
0300	0	0.0%	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0%
0400	1	0.3%	88.2	88.2	88.2	88.2	88.2	88.2	1	100.0%
0500	1	0.3%	77.7	77.7	77.7	77.4	77.4	77.4	0	0.0%
0600	1	0.3%	69.0	69.0	69.0	68.8	68.8	68.8	0	0.0%
0700	4	1.2%	52.0	70.5	62.7	57.6	70.2	70.2	0	0.0%
0800	10	3.1%	43.6	97.7	69.5	68.8	78.5	97.6	1	10.0%
0900	15	4.7%	13.3	86.4	55.9	60.8	71.3	76.3	1	6.7%
1000	12	3.7%	36.4	98.5	66.2	69.8	81.0	82.1	3	25.0%
1100	25	7.8%	40.1	104.2	67.1	64.4	88.2	103.0	6	24.0%
1200	16	5.0%	28.6	81.3	61.9	67.7	78.8	79.2	1	6.3%
1300	22	6.8%	15.2	92.4	59.9	62.3	73.1	76.7	1	4.5%
1400	19	5.9%	45.7	92.6	67.6	68.4	76.0	82.8	2	10.5%
1500	20	6.2%	15.7	90.6	62.3	65.5	78.1	88.2	3	15.0%
1600	25	7.8%	31.3	94.4	70.8	71.6	83.9	91.4	9	36.0%
1700	16	5.0%	32.7	93.1	61.6	62.3	83.2	88.2	3	18.8%
1800	24	7.5%	33.7	99.1	70.9	70.2	86.8	96.1	9	37.5%
1900	31	9.6%	33.7	98.6	67.4	68.4	84.2	88.9	8	25.8%
2000	31	9.6%	49.3	104.3	72.7	73.1	83.9	85.7	7	22.6%
2100	21	6.5%	31.8	101.1	70.6	66.6	84.2	96.8	7	33.3%
2200	14	4.3%	40.4	88.7	68.2	65.9	79.6	81.4	2	14.3%
2300	7	2.2%	42.9	66.2	57.9	61.6	65.5	65.9	0	0.0%
----	322	100.0%	13.3	104.3	66.7	68.0	82.8	91.4	66	20.5%

Daily Summaries

Column Legend:

0	[Time]	24-hour time (0000 - 2359)
1	[Total]	Number in time step
2	[Vbin]	Speed bin totals
3	[Mean]	Average speed
4	[Vpp]	Percentile speed

*** Monday, July 20, 2015**

[illegible]

*** Tuesday, July 21, 2015**

Time	Total	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Mean	Vpp 85	
		10	20	30	40	50	60	70	80	90	100	110	120	130	140	150			160
		20	30	40	50	60	70	80	90	100	110	120	130	140	150	160			
0000	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	80.8	-	
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
0400	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	88.2	-	
0500	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	77.7	-	
0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
0700	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	52.0	-	
0800	5	0	0	0	0	1	1	2	0	1	0	0	0	0	0	0	75.2	-	
0900	5	0	0	0	1	1	2	0	1	0	0	0	0	0	0	0	63.3	-	
1000	5	0	0	0	0	0	0	3	1	1	0	0	0	0	0	0	80.2	-	
1100	7	0	0	0	3	1	1	0	1	0	1	0	0	0	0	0	63.0	-	
1200	9	0	1	1	1	1	2	2	1	0	0	0	0	0	0	0	58.6	-	
1300	8	0	1	0	0	2	3	1	0	1	0	0	0	0	0	0	62.4	-	
1400	9	0	0	0	1	1	4	2	1	0	0	0	0	0	0	0	67.1	-	
1500	8	0	0	0	0	1	4	2	1	0	0	0	0	0	0	0	69.0	-	
1600	9	0	0	0	0	0	4	2	2	1	0	0	0	0	0	0	74.5	-	
1700	6	0	0	0	1	1	1	2	1	0	0	0	0	0	0	0	63.6	-	
1800	4	0	0	1	0	1	0	1	1	0	0	0	0	0	0	0	62.0	-	
1900	16	0	0	2	2	1	5	2	4	0	0	0	0	0	0	0	65.1	86.4	
2000	15	0	0	0	0	2	2	9	2	0	0	0	0	0	0	0	71.5	76.0	
2100	7	0	0	0	0	0	2	1	3	1	0	0	0	0	0	0	76.8	-	
2200	3	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	78.3	-	
2300	2	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	54.9	-	
07-19	76	0	2	2	7	11	22	17	10	4	1	0	0	0	0	0	66.7	82.8	
06-22	114	0	2	4	9	14	31	29	19	5	1	0	0	0	0	0	67.7	83.9	
06-00	119	0	2	4	10	14	33	30	20	5	1	0	0	0	0	0	67.8	83.9	
00-00	123	0	2	4	10	14	33	32	21	6	1	0	0	0	0	0	68.2	84.2	

*** Wednesday, July 22, 2015**

[illegible]

		10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	85
		20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	
0000	4	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0	68.3
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
0700	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	70.3
0800	4	0	0	0	1	0	2	1	0	0	0	0	0	0	0	0	62.4
0900	5	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	58.6
1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
1100	6	0	0	0	1	0	1	2	0	1	1	0	0	0	0	0	76.1
1200	4	0	0	0	1	0	0	3	0	0	0	0	0	0	0	0	69.4
1300	4	0	0	1	0	1	2	0	0	0	0	0	0	0	0	0	53.5
1400	4	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	64.7
1500	3	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	49.4
1600	12	0	0	3	0	0	0	5	4	0	0	0	0	0	0	0	66.6
1700	6	0	0	3	1	0	1	1	0	0	0	0	0	0	0	0	49.4
1800	10	0	0	0	0	3	3	0	2	2	0	0	0	0	0	0	71.4
1900	5	0	0	0	1	0	3	0	0	1	0	0	0	0	0	0	70.1
2000	8	0	0	0	0	1	3	1	2	0	1	0	0	0	0	0	75.1
2100	11	0	0	0	1	2	5	1	0	1	1	0	0	0	0	0	69.3
2200	5	0	0	0	0	0	3	1	1	0	0	0	0	0	0	0	71.7
2300	3	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	55.8
07-19	59	0	0	8	6	7	13	15	6	3	1	0	0	0	0	0	64.0
06-22	83	0	0	8	8	10	24	17	8	5	3	0	0	0	0	0	66.1
06-00	91	0	0	8	9	10	29	18	9	5	3	0	0	0	0	0	66.1
00-00	95	0	0	8	10	10	30	19	10	5	3	0	0	0	0	0	66.2

* Thursday, July 23, 2015

Time	Total	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Mean	Vpp
		10	20	30	40	50	60	70	80	90	100	110	120	130	140	150		85
		20	30	40	50	60	70	80	90	100	110	120	130	140	150	160		
0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0100	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	55.3	-
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0600	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	69.0	-
0700	2	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	64.2	-
0800	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	69.4	-
0900	5	2	0	0	0	0	2	1	0	0	0	0	0	0	0	0	45.7	-
1000	7	0	0	1	2	2	1	0	1	0	0	0	0	0	0	0	56.2	-
1100	12	0	0	0	2	5	1	2	1	0	1	0	0	0	0	0	65.1	77.8
1200	3	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	61.5	-
1300	10	1	0	0	1	3	0	5	0	0	0	0	0	0	0	0	60.5	-
1400	6	0	0	0	1	0	2	2	0	1	0	0	0	0	0	0	70.3	-
07-19	46	3	0	2	6	11	7	13	2	1	1	0	0	0	0	0	61.1	76.7
06-22	47	3	0	2	6	11	8	13	2	1	1	0	0	0	0	0	61.3	76.7
06-00	47	3	0	2	6	11	8	13	2	1	1	0	0	0	0	0	61.3	76.7
00-00	48	3	0	2	6	12	8	13	2	1	1	0	0	0	0	0	61.2	76.7

* Grand Total

Time	Total	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Mean	Vpp
		10	20	30	40	50	60	70	80	90	100	110	120	130	140	150		85
		20	30	40	50	60	70	80	90	100	110	120	130	140	150	160		
--	322	4	3	17	30	40	87	75	44	17	5	0	0	0	0	0	66.7	82.8

In profile: Vehicles = 322 / 339 (94.99%)



Hayes Line Speed Statistics

Grand Total

Site: Hayes Line
Description: 817 Hayes Line
Filter time: 16:00 Monday, July 20, 2015 => 16:00 Thursday, July 23, 2015 (3)
Author: Joseph Kelly
RSU Installers: Joseph Kelly

Vehicles = 406

Posted speed limit = 80 km/h, Exceeding = 250 (61.58%), Mean Exceeding = 94.70 km/h

Maximum = 132.3 km/h, Minimum = 22.9 km/h, Mean = 85.1 km/h

85% Speed = 99.7 km/h, 95% Speed = 113.0 km/h, Median = 84.6 km/h

16 km/h Pace = 77 - 93, Number in Pace = 173 (42.61%)

Variance = 259.10, Standard Deviation = 16.10 km/h

Speed Bins

Speed	Bin	Below		Above		Energy	vMult	n * vMult
0 - 10	0	0.0%	0	0.0%	406	100.0%	0.00	0.00
10 - 20	0	0.0%	0	0.0%	406	100.0%	0.00	0.00
20 - 30	3	0.7%	3	0.7%	403	99.3%	0.00	0.00
30 - 40	1	0.2%	4	1.0%	402	99.0%	0.00	0.00
40 - 50	5	1.2%	9	2.2%	397	97.8%	0.00	0.00
50 - 60	12	3.0%	21	5.2%	385	94.8%	0.00	0.00
60 - 70	41	10.1%	62	15.3%	344	84.7%	0.00	0.00
70 - 80	94	23.2%	156	38.4%	250	61.6%	0.00	0.00
80 - 90	95	23.4%	251	61.8%	155	38.2%	0.00	0.00
90 - 100	93	22.9%	344	84.7%	62	15.3%	0.00	0.00
100 - 110	36	8.9%	380	93.6%	26	6.4%	0.00	0.00
110 - 120	16	3.9%	396	97.5%	10	2.5%	0.00	0.00
120 - 130	9	2.2%	405	99.8%	1	0.2%	0.00	0.00
130 - 140	1	0.2%	406	100.0%	0	0.0%	0.00	0.00
140 - 150	0	0.0%	406	100.0%	0	0.0%	0.00	0.00
150 - 160	0	0.0%	406	100.0%	0	0.0%	0.00	0.00
160 - 170	0	0.0%	406	100.0%	0	0.0%	0.00	0.00
170 - 180	0	0.0%	406	100.0%	0	0.0%	0.00	0.00
180 - 190	0	0.0%	406	100.0%	0	0.0%	0.00	0.00
190 - 200	0	0.0%	406	100.0%	0	0.0%	0.00	0.00

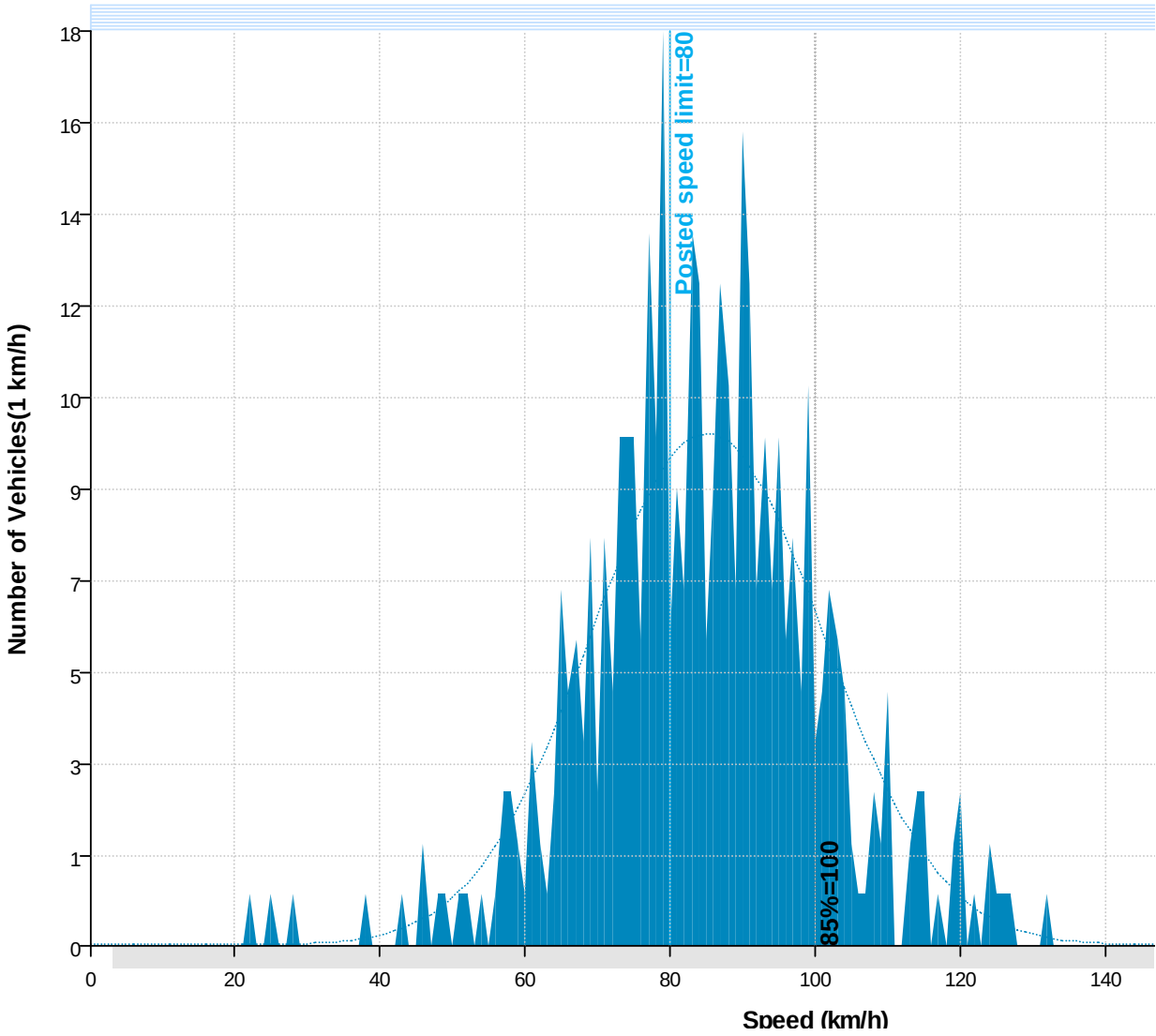
Total Speed Rating = 0.00

Total Moving Energy (Estimated) = 0.00

Speed limit fields

Limit	Below	Above
0 80 (PSL)	156 38.4%	250 61.6%

Speed Histogram



Speed Statistics by Hour

Hour Bins

Time	Bin		Min	Max	Mean	Median	85%	95%	>PSL 80 km/h	
0000	5	1.2%	46.9	97.5	82.4	91.8	92.5	97.2	4	80.0%
0100	2	0.5%	87.3	104.1	95.7	87.1	104.0	104.0	2	100.0%
0200	1	0.2%	73.6	73.6	73.6	73.4	73.4	73.4	0	0.0%
0300	1	0.2%	79.8	79.8	79.8	79.6	79.6	79.6	0	0.0%
0400	1	0.2%	100.4	100.4	100.4	100.1	100.1	100.1	1	100.0%
0500	0	0.0%	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0%
0600	0	0.0%	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0%
0700	4	1.0%	64.8	103.9	92.6	100.4	100.8	103.7	3	75.0%
0800	10	2.5%	73.9	115.1	91.4	90.4	104.4	114.8	8	80.0%
0900	12	3.0%	69.5	124.2	89.4	86.0	99.7	101.5	8	66.7%
1000	20	4.9%	58.5	120.6	86.9	82.4	97.9	117.0	13	65.0%
1100	15	3.7%	64.3	120.6	86.4	87.1	103.0	108.0	9	60.0%
1200	18	4.4%	25.3	125.1	79.3	77.4	92.9	103.3	8	44.4%
1300	27	6.7%	43.0	109.9	81.5	81.0	95.4	104.0	16	59.3%
1400	13	3.2%	61.2	100.1	81.5	79.6	95.4	97.2	6	46.2%
1500	25	6.2%	22.9	119.4	79.4	78.8	101.9	113.8	8	32.0%
1600	28	6.9%	57.8	115.7	87.5	84.6	99.0	113.0	22	78.6%
1700	25	6.2%	46.2	115.2	85.2	86.0	99.0	110.2	15	60.0%
1800	30	7.4%	61.0	108.5	81.7	79.9	99.4	105.5	15	50.0%
1900	70	17.2%	52.7	132.3	87.1	88.2	99.4	122.4	45	64.3%
2000	38	9.4%	28.3	110.7	84.2	87.1	95.4	99.0	26	68.4%
2100	22	5.4%	48.3	127.1	89.4	87.1	110.2	120.2	16	72.7%
2200	20	4.9%	58.3	107.0	83.6	83.2	94.3	97.2	12	60.0%
2300	19	4.7%	59.9	119.3	88.3	84.6	103.3	114.1	13	68.4%
----	406	100.0%	22.9	132.3	85.1	84.6	99.7	113.0	250	61.6%

Daily Summaries

Column Legend:

0 [Time]	24-hour time (0000 - 2359)
1 [Total]	Number in time step
2 [Vbin]	Speed bin totals
3 [Mean]	Average speed
4 [Vpp]	Percentile speed

* Monday, July 20, 2015

Time	Total	Vbin 10 20	Vbin 20 30	Vbin 30 40	Vbin 40 50	Vbin 50 60	Vbin 60 70	Vbin 70 80	Vbin 80 90	Vbin 90 100	Vbin 100 110	Vbin 110 120	Vbin 120 130	Vbin 130 140	Vbin 140 150	Vbin 150 160	Mean	Vpp 85
1600	13	0	0	0	0	1	1	1	4	4	1	1	0	0	0	0	87.7	99.0
1700	6	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0	83.6	-
1800	7	0	0	0	0	0	2	1	3	1	0	0	0	0	0	0	78.9	-
1900	30	0	0	0	0	4	3	3	6	10	1	1	2	0	0	0	85.6	96.1
2000	12	0	0	0	0	0	1	4	1	6	0	0	0	0	0	0	83.7	92.5
2100	6	0	0	0	0	1	1	0	1	1	0	2	0	0	0	0	89.1	-
2200	7	0	0	0	0	1	1	0	2	2	1	0	0	0	0	0	85.4	-
2300	6	0	0	0	0	0	0	0	3	2	0	1	0	0	0	0	93.0	-
07-19	26	0	0	0	0	1	3	5	7	8	1	1	0	0	0	0	84.4	99.0
06-22	74	0	0	0	0	6	8	12	15	25	2	4	2	0	0	0	85.2	97.9
06-00	87	0	0	0	0	7	9	12	20	29	3	5	2	0	0	0	85.7	97.9
00-00	87	0	0	0	0	7	9	12	20	29	3	5	2	0	0	0	85.7	97.9

* Tuesday, July 21, 2015

Time	Total	Vbin 10 20	Vbin 20 30	Vbin 30 40	Vbin 40 50	Vbin 50 60	Vbin 60 70	Vbin 70 80	Vbin 80 90	Vbin 90 100	Vbin 100 110	Vbin 110 120	Vbin 120 130	Vbin 130 140	Vbin 140 150	Vbin 150 160	Mean	Vpp 85
0000	2	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	87.6	-
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0200	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	73.6	-
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0700	2	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	84.4	-
0800	3	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	76.9	-
0900	4	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	95.1	-
1000	7	0	0	0	0	1	1	1	3	1	0	0	0	0	0	0	79.2	-
1100	5	0	0	0	0	0	0	1	1	1	1	0	1	0	0	0	95.9	-
1200	6	0	0	0	0	0	2	2	1	0	1	0	0	0	0	0	78.9	-
1300	9	0	0	0	0	0	0	1	6	2	0	0	0	0	0	0	85.1	-
1400	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	94.0	-
1500	5	0	0	0	0	0	0	2	1	0	0	2	0	0	0	0	96.0	-
1600	6	0	0	0	0	0	1	1	3	0	0	1	0	0	0	0	84.9	-
1700	11	0	0	0	0	0	1	3	4	0	1	2	0	0	0	0	87.4	99.7
1800	10	0	0	0	0	0	3	2	2	1	2	0	0	0	0	0	82.8	-
1900	23	0	0	0	0	1	1	7	3	7	2	0	1	1	0	0	88.5	102.2
2000	11	0	0	0	0	0	2	0	2	6	0	1	0	0	0	0	89.2	99.0
2100	10	0	0	0	1	0	0	2	3	3	1	0	0	0	0	0	84.8	-
2200	5	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	81.8	-
2300	8	0	0	0	0	0	0	4	1	1	2	0	0	0	0	0	84.7	-
07-19	70	0	0	0	0	1	9	15	22	11	6	5	1	0	0	0	86.0	103.0
06-22	114	0	0	0	1	2	12	24	30	27	9	6	2	1	0	0	86.7	99.7
06-00	127	0	0	0	1	2	12	30	33	29	11	6	2	1	0	0	86.4	99.7
00-00	130	0	0	0	1	2	12	31	34	30	11	6	2	1	0	0	86.3	99.7

*** Wednesday, July 22, 2015**

Time	Total	Vbin 10 20	Vbin 20 30	Vbin 30 40	Vbin 40 50	Vbin 50 60	Vbin 60 70	Vbin 70 80	Vbin 80 90	Vbin 90 100	Vbin 100 110	Vbin 110 120	Vbin 120 130	Vbin 130 140	Vbin 140 150	Vbin 150 160	Mean	Vpp 85
0000	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	97.5	-
0100	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	87.3	-
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0700	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	100.6	-
0800	3	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	96.6	-
0900	6	0	0	0	0	0	1	2	1	0	1	0	1	0	0	0	89.5	-
1000	6	0	0	0	0	0	0	3	2	0	0	1	0	0	0	0	86.4	-
1100	5	0	0	0	0	0	1	2	1	0	1	0	0	0	0	0	81.8	-
1200	6	0	0	0	0	0	0	1	2	2	0	0	1	0	0	0	94.6	-
1300	7	0	0	0	1	0	2	2	1	0	1	0	0	0	0	0	73.7	-
1400	7	0	0	0	0	0	1	3	0	2	1	0	0	0	0	0	81.9	-
1500	9	0	0	0	0	0	1	4	1	1	2	0	0	0	0	0	84.6	-
1600	9	0	0	0	0	0	0	1	4	4	0	0	0	0	0	0	89.0	-
1700	8	0	0	0	1	0	1	1	1	3	0	1	0	0	0	0	83.5	-
1800	13	0	0	0	0	0	5	2	1	3	2	0	0	0	0	0	82.3	99.4
1900	17	0	0	0	0	0	1	5	3	6	1	1	0	0	0	0	87.9	99.0
2000	15	0	1	0	0	0	2	2	6	4	0	0	0	0	0	0	80.9	90.7
2100	6	0	0	0	0	0	1	0	2	0	1	0	2	0	0	0	97.4	-
2200	8	0	0	0	0	0	0	4	2	2	0	0	0	0	0	0	83.2	-
2300	5	0	0	0	0	1	0	1	1	0	1	1	0	0	0	0	88.3	-
07-19	80	0	0	0	2	0	12	21	14	17	10	2	2	0	0	0	85.1	100.4
06-22	118	0	1	0	2	0	16	28	25	27	12	3	4	0	0	0	85.6	99.7
06-00	131	0	1	0	2	1	16	33	28	29	13	4	4	0	0	0	85.6	99.7
00-00	133	0	1	0	2	1	16	33	29	30	13	4	4	0	0	0	85.7	99.7

*** Thursday, July 23, 2015**

Time	Total	Vbin 10 20	Vbin 20 30	Vbin 30 40	Vbin 40 50	Vbin 50 60	Vbin 60 70	Vbin 70 80	Vbin 80 90	Vbin 90 100	Vbin 100 110	Vbin 110 120	Vbin 120 130	Vbin 130 140	Vbin 140 150	Vbin 150 160	Mean	Vpp 85
0000	2	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	69.7	-
0100	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	104.1	-
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0300	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	79.8	-
0400	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	100.4	-
0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0700	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	101.1	-
0800	4	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	98.4	-
0900	2	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	77.9	-
1000	7	0	0	0	0	0	0	1	2	2	1	0	1	0	0	0	94.9	-
1100	5	0	0	0	0	0	1	1	3	0	0	0	0	0	0	0	81.5	-
1200	6	0	1	0	0	1	0	3	1	0	0	0	0	0	0	0	64.4	-
1300	11	0	0	0	0	1	1	3	3	0	3	0	0	0	0	0	83.5	102.2
1400	4	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	74.5	-
1500	11	0	1	1	1	0	0	7	0	0	1	0	0	0	0	0	67.6	78.8
07-19	51	0	2	1	1	2	4	17	12	3	7	1	1	0	0	0	79.8	100.8
06-22	51	0	2	1	1	2	4	17	12	3	7	1	1	0	0	0	79.8	100.8
06-00	51	0	2	1	1	2	4	17	12	3	7	1	1	0	0	0	79.8	100.8
00-00	56	0	2	1	2	2	4	18	12	4	9	1	1	0	0	0	80.2	102.2

*** Grand Total**

Time	Total	Vbin 10 20	Vbin 20 30	Vbin 30 40	Vbin 40 50	Vbin 50 60	Vbin 60 70	Vbin 70 80	Vbin 80 90	Vbin 90 100	Vbin 100 110	Vbin 110 120	Vbin 120 130	Vbin 130 140	Vbin 140 150	Vbin 150 160	Mean	Vpp 85
--	406	0	3	1	5	12	41	94	95	93	36	16	9	1	0	0	85.1	99.7

In profile: Vehicles = 406 / 843 (48.16%)