

Marija Bakulich

From: Anandita Pujara
Sent: Thursday, 31 July 2014 11:46 a.m.
To: Caron Greenough
Subject: RE: Otaihanga Tube data - week 1
Attachments: Speed Stats by Hour.zip; Individual Vehicles report.zip

Hi Caron,

I have attached additional reports to the email, please see the zip files.

Thanks and Regards,
Anandita

From: Anandita Pujara
Sent: Thursday, 31 July 2014 11:22 a.m.
To: Caron Greenough
Subject: Otaihanga Tube data - week 1

Hi Caron,

I have created the summary speed reports. Please see the attached documents.

Andrew also informed that the North bound location closest to the roundabout stopped counting on the second day, it looks like water may have been sucked into one of the tubes which stopped it from working. They have laid out more tubes for the second week of traffic counting.

I'll find out a way to create 15-minute speed report and I'll send those reports to you shortly.

Thanks and Regards,
Anandita

MetroCount Traffic Executive Speed Statistics by Hour

SpeedStatHour-178 -- English (ENZ)

Datasets:

Site: [Otaihanga nbd1] nbd about 300m back from round about
Direction: 1 - North bound, A hit first. **Lane:** 2
Survey Duration: 23:54 Tuesday, 15 July 2014 => 20:24 Thursday, 24 July 2014
Zone:
File: Otaihanga nbd1 2014-07-24 2025.EC2 (Plus)
Identifier: DF93SF7A MC56-L5 [MC55] (c)Microcom 19Oct04
Algorithm: Factory default (v3.21 - 15322)
Data type: Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time: 0:00 Wednesday, 16 July 2014 => 0:00 Thursday, 24 July 2014
Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Speed range: 10 - 160 km/h.
Direction: North (bound)
Separation: All - (Headway)
Name: Default Profile
Scheme: Vehicle classification (NZTA2011)
Units: Metric (meter, kilometer, m/s, km/h, kg, tonne)
In profile: Vehicles = 87196 / 98186 (88.81%)

Speed Statistics by Hour

SpeedStatHour-178

Site: Otaihanga nbd1.2.0N
Description: nbd about 300m back from round about
Filter time: 0:00 Wednesday, 16 July 2014 => 0:00 Thursday, 24 July 2014
Scheme: Vehicle classification (NZTA2011)
Filter: Cls(1 2 3 4 5 6 7 8 9 10 11 12 13) Dir(N) Sp(10,160) Headway(>0)

Vehicles = 87196

Posted speed limit = 80 km/h, Exceeding = 691 (0.79%), Mean Exceeding = 83.76 km/h

Maximum = 120.1 km/h, Minimum = 10.0 km/h, Mean = 62.8 km/h

85% Speed = 69.5 km/h, 95% Speed = 73.4 km/h, Median = 63.4 km/h

20 km/h Pace = 54 - 74, Number in Pace = 76410 (87.63%)

Variance = 65.35, Standard Deviation = 8.08 km/h

Hour Bins

Time	Bin	Min	Max	Mean	Median	85%	95%	>PSL 80 km/h
0000	511 0.6%	33.6	90.1	62.4	63.7	72.0	77.0	12 2.3%
0100	282 0.3%	10.8	91.6	61.4	64.4	73.1	79.2	12 4.3%
0200	258 0.3%	12.0	108.9	62.2	62.6	73.8	80.6	16 6.2%
0300	205 0.2%	19.8	89.3	62.9	63.4	72.0	79.6	10 4.9%
0400	282 0.3%	46.2	101.1	66.7	66.6	74.2	78.5	12 4.3%
0500	592 0.7%	46.3	110.2	67.1	66.2	74.9	82.1	40 6.8%
0600	1686 1.9%	38.3	93.7	66.9	66.6	73.8	78.8	65 3.9%
0700	3123 3.6%	13.5	101.7	65.8	65.5	72.0	76.3	55 1.8%
0800	4559 5.2%	18.5	95.3	64.4	64.4	70.6	74.2	53 1.2%
0900	5520 6.3%	19.2	88.7	64.2	64.1	69.8	73.8	41 0.7%
1000	6112 7.0%	13.1	92.9	63.0	63.0	68.8	72.4	30 0.5%
1100	6571 7.5%	19.3	89.3	62.5	62.6	68.4	72.0	16 0.2%
1200	6879 7.9%	18.5	84.7	62.4	62.3	68.0	72.0	14 0.2%
1300	6692 7.7%	15.8	103.2	62.7	62.6	68.4	72.0	26 0.4%
1400	6801 7.8%	26.4	101.3	62.5	62.3	68.4	71.6	25 0.4%
1500	7481 8.6%	19.1	87.3	63.1	63.0	68.4	72.0	21 0.3%
1600	8077 9.3%	10.1	84.9	61.8	62.6	68.4	71.6	21 0.3%
1700	7616 8.7%	10.0	90.2	57.9	61.9	68.0	71.6	23 0.3%
1800	4889 5.6%	13.0	115.5	64.0	63.7	69.8	73.8	46 0.9%
1900	3087 3.5%	18.9	120.1	64.4	64.4	71.3	75.6	48 1.6%
2000	2279 2.6%	10.6	109.7	63.5	64.1	71.3	76.0	32 1.4%
2100	1678 1.9%	21.8	99.1	62.9	63.7	70.9	75.6	26 1.5%
2200	1193 1.4%	23.1	86.4	63.3	64.8	72.0	76.0	21 1.8%
2300	823 0.9%	32.3	92.3	63.9	64.1	72.0	78.5	26 3.2%
----	87196 100.0%	10.0	120.1	62.8	63.4	69.5	73.4	691 0.8%

MetroCount Traffic Executive Speed Statistics by Hour

SpeedStatHour-179 -- English (ENZ)

Datasets:

Site: [Otaihanga nbd2] nbd street light start of footpath
Direction: 1 - North bound, A hit first. **Lane:** 2
Survey Duration: 0:13 Wednesday, 16 July 2014 => 20:34 Thursday, 24 July 2014
Zone:
File: Otaihanga nbd2 2014-07-24 2034.EC2 (Plus)
Identifier: DG57P2S9 MC56-L5 [MC55] (c)Microcom 19Oct04
Algorithm: Factory default (v3.21 - 15322)
Data type: Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time: 0:00 Thursday, 17 July 2014 => 0:00 Thursday, 24 July 2014
Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Speed range: 10 - 160 km/h.
Direction: North (bound)
Separation: All - (Headway)
Name: Default Profile
Scheme: Vehicle classification (NZTA2011)
Units: Metric (meter, kilometer, m/s, km/h, kg, tonne)
In profile: Vehicles = 75219 / 98094 (76.68%)

Speed Statistics by Hour

SpeedStatHour-179

Site: Otaihanga nbd2.2.0N
Description: nbd street light start of footpath
Filter time: 0:00 Thursday, 17 July 2014 => 0:00 Thursday, 24 July 2014
Scheme: Vehicle classification (NZTA2011)
Filter: Cls(1 2 3 4 5 6 7 8 9 10 11 12 13) Dir(N) Sp(10,160) Headway(>0)

Vehicles = 75219

Posted speed limit = 80 km/h, Exceeding = 220 (0.29%), Mean Exceeding = 84.30 km/h

Maximum = 116.4 km/h, Minimum = 10.0 km/h, Mean = 59.3 km/h

85% Speed = 65.9 km/h, 95% Speed = 70.2 km/h, Median = 59.8 km/h

20 km/h Pace = 50 - 70, Number in Pace = 65355 (86.89%)

Variance = 67.84, Standard Deviation = 8.24 km/h

Hour Bins

Time	Bin	Min	Max	Mean	Median	85%	95%	>PSL 80 km/h
0000	455 0.6%	19.6	85.0	59.7	60.8	69.1	72.7	2 0.4%
0100	246 0.3%	10.8	86.6	59.5	61.2	70.6	78.1	10 4.1%
0200	229 0.3%	15.4	107.0	58.4	59.0	70.2	77.4	5 2.2%
0300	172 0.2%	13.0	86.6	58.4	59.0	67.3	74.5	3 1.7%
0400	240 0.3%	35.5	87.8	61.7	61.2	70.2	74.5	5 2.1%
0500	510 0.7%	35.1	95.7	62.3	61.9	71.3	77.8	18 3.5%
0600	1471 2.0%	33.8	85.5	63.1	63.0	70.6	75.2	20 1.4%
0700	2671 3.6%	19.2	94.8	61.8	61.6	68.0	72.0	15 0.6%
0800	3911 5.2%	22.0	88.8	60.8	60.5	67.0	70.6	15 0.4%
0900	4766 6.3%	23.2	90.9	60.7	60.5	66.2	69.8	7 0.1%
1000	5306 7.1%	21.6	96.3	60.0	59.8	65.5	69.1	8 0.2%
1100	5690 7.6%	19.7	80.9	58.7	58.7	64.4	68.4	2 0.0%
1200	5948 7.9%	16.1	83.9	59.0	59.0	64.8	68.8	6 0.1%
1300	5844 7.8%	28.5	101.1	59.4	59.0	64.8	68.4	8 0.1%
1400	5921 7.9%	30.0	82.4	59.4	59.4	64.8	68.4	3 0.1%
1500	6435 8.6%	24.0	88.9	59.7	59.8	65.5	69.1	7 0.1%
1600	6936 9.2%	10.3	83.7	57.8	59.4	65.2	68.4	5 0.1%
1700	6479 8.6%	10.0	85.8	53.9	58.3	65.2	68.8	5 0.1%
1800	4141 5.5%	28.5	116.1	60.7	60.5	67.0	70.9	14 0.3%
1900	2685 3.6%	30.8	116.4	61.2	61.2	68.0	72.7	21 0.8%
2000	1989 2.6%	10.4	99.0	60.0	60.8	67.7	73.1	10 0.5%
2100	1408 1.9%	28.5	95.8	59.0	60.1	67.3	72.4	13 0.9%
2200	1025 1.4%	25.9	81.8	60.1	61.6	68.4	72.7	9 0.9%
2300	741 1.0%	30.5	87.0	60.1	60.5	68.4	73.4	9 1.2%
----	75219 100.0%	10.0	116.4	59.3	59.8	65.9	70.2	220 0.3%

MetroCount Traffic Executive Speed Statistics by Hour

SpeedStatHour-180 -- English (ENZ)

Datasets:

Site: [Otaihanga nbd3] nbd one street light back from roundabout
Direction: 1 - North bound, A hit first. **Lane:** 2
Survey Duration: 0:33 Wednesday, 16 July 2014 => 20:45 Thursday, 24 July 2014
Zone:
File: Otaihanga nbd3 2014-07-24 2045.EC2 (Plus)
Identifier: DG29Y7RN MC56-L5 [MC55] (c)Microcom 19Oct04
Algorithm: Factory default (v3.21 - 15322)
Data type: Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time: 0:00 Thursday, 17 July 2014 => 0:00 Thursday, 24 July 2014
Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Speed range: 10 - 160 km/h.
Direction: North (bound)
Separation: All - (Headway)
Name: Default Profile
Scheme: Vehicle classification (NZTA2011)
Units: Metric (meter, kilometer, m/s, km/h, kg, tonne)
In profile: Vehicles = 3827 / 15707 (24.36%)

Speed Statistics by Hour

SpeedStatHour-180

Site: Otaihanga nbd3.2.0N
Description: nbd one street light back from roundabout
Filter time: 0:00 Thursday, 17 July 2014 => 0:00 Thursday, 24 July 2014
Scheme: Vehicle classification (NZTA2011)
Filter: Cls(1 2 3 4 5 6 7 8 9 10 11 12 13) Dir(N) Sp(10,160) Headway(>0)

Vehicles = 3827

Posted speed limit = 80 km/h, Exceeding = 0 (0.00%), Mean Exceeding = 0.00 km/h

Maximum = 70.6 km/h, Minimum = 10.7 km/h, Mean = 45.5 km/h

85% Speed = 52.6 km/h, 95% Speed = 56.5 km/h, Median = 46.1 km/h

20 km/h Pace = 36 - 56, Number in Pace = 3202 (83.67%)

Variance = 62.63, Standard Deviation = 7.91 km/h

Hour Bins

Time	Bin	Min	Max	Mean	Median	85%	95%	>PSL 80 km/h
0000	76 2.0%	28.1	65.3	47.8	49.0	57.2	59.4	0 0.0%
0100	22 0.6%	39.8	69.3	50.8	50.4	54.4	62.6	0 0.0%
0200	37 1.0%	29.7	61.8	45.7	44.3	53.3	55.1	0 0.0%
0300	37 1.0%	33.7	61.5	46.6	45.7	53.3	57.6	0 0.0%
0400	36 0.9%	34.6	64.2	47.2	47.5	57.2	59.0	0 0.0%
0500	85 2.2%	30.4	67.4	46.7	46.1	53.6	56.2	0 0.0%
0600	238 6.2%	22.7	67.2	47.9	48.2	54.7	58.3	0 0.0%
0700	489 12.8%	21.6	63.4	45.6	46.1	53.3	56.2	0 0.0%
0800	642 16.8%	13.5	69.3	45.5	46.1	52.9	56.5	0 0.0%
0900	757 19.8%	12.3	70.6	45.8	46.4	52.6	56.5	0 0.0%
1000	844 22.1%	15.2	65.6	44.7	45.7	52.2	55.1	0 0.0%
1100	448 11.7%	10.7	62.5	45.7	45.7	51.5	54.7	0 0.0%
1200	83 2.2%	20.8	61.1	45.0	44.3	52.2	54.7	0 0.0%
1300	33 0.9%	14.5	37.2	22.7	25.6	25.6	37.1	0 0.0%
1400	0 0.0%	0.0	0.0	0.0	0.0	0.0	0.0	0 0.0%
1500	0 0.0%	0.0	0.0	0.0	0.0	0.0	0.0	0 0.0%
1600	0 0.0%	0.0	0.0	0.0	0.0	0.0	0.0	0 0.0%
1700	0 0.0%	0.0	0.0	0.0	0.0	0.0	0.0	0 0.0%
1800	0 0.0%	0.0	0.0	0.0	0.0	0.0	0.0	0 0.0%
1900	0 0.0%	0.0	0.0	0.0	0.0	0.0	0.0	0 0.0%
2000	0 0.0%	0.0	0.0	0.0	0.0	0.0	0.0	0 0.0%
2100	0 0.0%	0.0	0.0	0.0	0.0	0.0	0.0	0 0.0%
2200	0 0.0%	0.0	0.0	0.0	0.0	0.0	0.0	0 0.0%
2300	0 0.0%	0.0	0.0	0.0	0.0	0.0	0.0	0 0.0%
----	3827 100.0%	10.7	70.6	45.5	46.1	52.6	56.5	0 0.0%

MetroCount Traffic Executive **Speed Statistics by Hour**

SpeedStatHour-181 -- English (ENZ)

Datasets:

Site: [Otaihanga sb1] Sth bound roundabout sign about 300m nth of round about
Direction: 3 - South bound, A hit first. **Lane:** 1
Survey Duration: 23:12 Tuesday, 15 July 2014 => 21:03 Thursday, 24 July 2014
Zone:
File: Otaihanga sb1 2014-07-24 2104.EC1 (Plus)
Identifier: S437R13Y MC56-L5 [MC55] (c)Microcom 19Oct04
Algorithm: Factory default (v3.21 - 15322)
Data type: Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time: 0:00 Wednesday, 16 July 2014 => 0:00 Thursday, 24 July 2014
Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Speed range: 10 - 160 km/h.
Direction: South (bound)
Separation: All - (Headway)
Name: Default Profile
Scheme: Vehicle classification (NZTA2011)
Units: Metric (meter, kilometer, m/s, km/h, kg, tonne)
In profile: Vehicles = 103870 / 116898 (88.86%)

Speed Statistics by Hour

SpeedStatHour-181

Site: Otaihanga sb1.1.0S
Description: Sth bound roundabout sign about 300m nth of round about
Filter time: 0:00 Wednesday, 16 July 2014 => 0:00 Thursday, 24 July 2014
Scheme: Vehicle classification (NZTA2011)
Filter: Cls(1 2 3 4 5 6 7 8 9 10 11 12 13) Dir(S) Sp(10,160) Headway(>0)

Vehicles = 103870

Posted speed limit = 80 km/h, Exceeding = 1400 (1.35%), Mean Exceeding = 82.93 km/h

Maximum = 111.9 km/h, Minimum = 13.4 km/h, Mean = 65.0 km/h

85% Speed = 71.3 km/h, 95% Speed = 75.6 km/h, Median = 65.2 km/h

20 km/h Pace = 55 - 75, Number in Pace = 90795 (87.41%)

Variance = 46.44, Standard Deviation = 6.81 km/h

Hour Bins

Time	Bin	Min	Max	Mean	Median	85%	95%	>PSL 80 km/h
0000	287 0.3%	43.3	98.3	66.8	67.0	76.0	80.3	16 5.6%
0100	212 0.2%	49.2	90.8	67.0	65.5	74.9	83.5	17 8.0%
0200	253 0.2%	17.6	91.9	64.2	64.4	75.6	79.6	13 5.1%
0300	483 0.5%	32.7	98.0	64.2	63.7	74.2	81.0	32 6.6%
0400	738 0.7%	35.5	95.9	66.1	66.2	74.5	79.2	31 4.2%
0500	1788 1.7%	40.8	95.7	66.5	67.0	74.5	78.8	64 3.6%
0600	4624 4.5%	27.5	91.2	66.9	67.0	73.1	77.0	91 2.0%
0700	6138 5.9%	24.2	94.7	66.2	66.2	71.6	75.2	79 1.3%
0800	7599 7.3%	20.7	87.0	64.7	64.8	70.2	74.2	59 0.8%
0900	7167 6.9%	24.6	87.9	64.7	64.4	70.6	74.5	67 0.9%
1000	7390 7.1%	17.3	98.5	64.1	64.1	69.8	73.4	37 0.5%
1100	7767 7.5%	28.9	90.4	64.1	64.1	69.8	73.8	48 0.6%
1200	7217 6.9%	27.3	87.0	64.4	64.4	70.9	74.9	54 0.7%
1300	7442 7.2%	23.4	90.9	64.6	64.8	70.9	74.9	68 0.9%
1400	8106 7.8%	28.0	88.8	64.6	64.4	70.9	74.5	59 0.7%
1500	8633 8.3%	19.6	88.7	64.5	64.4	70.9	74.9	75 0.9%
1600	8315 8.0%	28.7	99.6	64.0	64.1	70.6	74.2	59 0.7%
1700	7102 6.8%	40.6	92.3	64.8	64.8	71.3	75.2	64 0.9%
1800	4457 4.3%	42.8	94.1	67.1	67.0	73.4	77.8	120 2.7%
1900	3053 2.9%	19.9	92.8	66.4	67.3	74.5	78.8	110 3.6%
2000	2016 1.9%	13.4	111.9	65.3	67.0	74.5	79.2	88 4.4%
2100	1482 1.4%	23.3	95.7	67.9	67.7	74.9	79.2	60 4.0%
2200	1025 1.0%	47.4	93.1	67.9	67.3	74.9	79.6	45 4.4%
2300	576 0.6%	30.5	103.0	68.6	68.4	75.6	81.7	44 7.6%
----	103870 100.0%	13.4	111.9	65.0	65.2	71.3	75.6	1400 1.3%

MetroCount Traffic Executive Speed Statistics by Hour

SpeedStatHour-182 -- English (ENZ)

Datasets:

Site: [Otaihanga sb2] sbd third st light nth of round about
Direction: 3 - South bound, A hit first. **Lane:** 1
Survey Duration: 23:30 Tuesday, 15 July 2014 => 21:16 Thursday, 24 July 2014
Zone:
File: Otaihanga sb2 2014-07-24 2116.EC1 (Plus)
Identifier: DG07NQ1E MC56-L5 [MC55] (c)Microcom 19Oct04
Algorithm: Factory default (v3.21 - 15322)
Data type: Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time: 0:00 Wednesday, 16 July 2014 => 0:00 Thursday, 24 July 2014
Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Speed range: 10 - 160 km/h.
Direction: South (bound)
Separation: All - (Headway)
Name: Default Profile
Scheme: Vehicle classification (NZTA2011)
Units: Metric (meter, kilometer, m/s, km/h, kg, tonne)
In profile: Vehicles = 103176 / 116219 (88.78%)

Speed Statistics by Hour

SpeedStatHour-182

Site: Otaihanga sb2.1.0S
Description: sbd third st light nth of round about
Filter time: 0:00 Wednesday, 16 July 2014 => 0:00 Thursday, 24 July 2014
Scheme: Vehicle classification (NZTA2011)
Filter: Cls(1 2 3 4 5 6 7 8 9 10 11 12 13) Dir(S) Sp(10,160) Headway(>0)

Vehicles = 103176

Posted speed limit = 80 km/h, Exceeding = 496 (0.48%), Mean Exceeding = 83.13 km/h

Maximum = 99.5 km/h, Minimum = 10.4 km/h, Mean = 61.3 km/h

85% Speed = 67.7 km/h, 95% Speed = 72.0 km/h, Median = 61.6 km/h

20 km/h Pace = 51 - 71, Number in Pace = 89952 (87.18%)

Variance = 48.48, Standard Deviation = 6.96 km/h

Hour Bins

Time	Bin	Min	Max	Mean	Median	85%	95%	>PSL 80 km/h
0000	288 0.3%	18.9	88.8	62.8	62.3	72.0	76.3	5 1.7%
0100	214 0.2%	18.9	90.9	62.8	61.9	72.0	78.8	11 5.1%
0200	252 0.2%	18.3	83.3	60.4	60.5	71.6	76.3	3 1.2%
0300	484 0.5%	30.0	90.6	60.2	59.8	69.8	76.7	16 3.3%
0400	725 0.7%	32.2	87.8	61.4	60.8	69.8	76.0	18 2.5%
0500	1758 1.7%	27.1	90.3	61.8	62.6	69.8	74.5	18 1.0%
0600	4555 4.4%	31.3	90.9	62.1	62.3	68.8	72.7	34 0.7%
0700	6086 5.9%	21.9	93.0	61.6	61.6	67.3	70.9	24 0.4%
0800	7551 7.3%	26.4	87.3	61.1	61.2	67.0	70.6	12 0.2%
0900	7131 6.9%	23.3	91.7	61.3	61.2	67.3	71.3	30 0.4%
1000	7359 7.1%	19.2	97.5	60.5	60.5	66.6	70.2	19 0.3%
1100	7716 7.5%	23.1	89.0	60.4	60.5	66.2	69.8	16 0.2%
1200	7175 7.0%	19.3	91.3	60.7	60.8	67.3	70.9	20 0.3%
1300	7402 7.2%	27.0	90.2	60.9	61.2	67.3	70.9	21 0.3%
1400	8051 7.8%	15.7	87.5	61.2	61.2	67.3	70.9	25 0.3%
1500	8585 8.3%	19.9	95.0	61.3	61.2	67.7	71.6	30 0.3%
1600	8244 8.0%	11.1	94.2	61.0	61.2	67.3	71.6	31 0.4%
1700	7050 6.8%	37.0	88.3	61.2	61.2	67.3	71.3	21 0.3%
1800	4424 4.3%	38.6	91.5	63.0	62.6	69.1	73.4	33 0.7%
1900	3042 2.9%	27.3	92.4	62.7	63.4	70.2	74.2	32 1.1%
2000	2004 1.9%	10.8	99.2	61.7	63.4	70.6	75.2	19 0.9%
2100	1479 1.4%	21.9	97.6	64.2	64.1	70.9	75.2	19 1.3%
2200	1019 1.0%	10.4	87.6	64.2	64.1	70.9	75.2	17 1.7%
2300	582 0.6%	14.0	99.5	64.9	64.4	72.0	78.5	22 3.8%
----	103176 100.0%	10.4	99.5	61.3	61.6	67.7	72.0	496 0.5%

MetroCount Traffic Executive Speed Statistics by Hour

SpeedStatHour-183 -- English (ENZ)

Datasets:

Site: [Otaihanga sb3] Sbd walkway begins sign nth of round about
Direction: 3 - South bound, A hit first. **Lane:** 1
Survey Duration: 23:39 Tuesday, 15 July 2014 => 21:29 Thursday, 24 July 2014
Zone:
File: Otaihanga sb3 2014-07-24 2130.EC1 (Plus)
Identifier: S953ZYSS MC56-L5 [MC55] (c)Microcom 19Oct04
Algorithm: Factory default (v3.21 - 15322)
Data type: Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time: 0:00 Wednesday, 16 July 2014 => 0:00 Thursday, 24 July 2014
Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Speed range: 10 - 160 km/h.
Direction: South (bound)
Separation: All - (Headway)
Name: Default Profile
Scheme: Vehicle classification (NZTA2011)
Units: Metric (meter, kilometer, m/s, km/h, kg, tonne)
In profile: Vehicles = 104011 / 119625 (86.95%)

Speed Statistics by Hour

SpeedStatHour-183

Site: Otaihanga sb3.1.0S
Description: Sbd walkway begins sign nth of round about
Filter time: 0:00 Wednesday, 16 July 2014 => 0:00 Thursday, 24 July 2014
Scheme: Vehicle classification (NZTA2011)
Filter: Cls(1 2 3 4 5 6 7 8 9 10 11 12 13) Dir(S) Sp(10,160) Headway(>0)

Vehicles = 104011

Posted speed limit = 80 km/h, Exceeding = 5 (0.00%), Mean Exceeding = 83.16 km/h

Maximum = 88.3 km/h, Minimum = 10.2 km/h, Mean = 47.4 km/h

85% Speed = 54.4 km/h, 95% Speed = 58.3 km/h, Median = 47.9 km/h

20 km/h Pace = 38 - 58, Number in Pace = 87195 (83.83%)

Variance = 60.35, Standard Deviation = 7.77 km/h

Hour Bins

Time	Bin	Min	Max	Mean	Median	85%	95%	>PSL 80 km/h
0000	309 0.3%	13.9	77.2	50.4	50.4	58.0	62.6	0 0.0%
0100	226 0.2%	17.0	70.6	51.6	50.8	59.4	64.1	0 0.0%
0200	307 0.3%	11.4	72.7	47.1	47.2	57.6	63.0	0 0.0%
0300	577 0.6%	24.7	77.3	47.9	47.5	56.9	63.4	0 0.0%
0400	856 0.8%	11.5	78.0	49.2	48.6	56.9	61.9	0 0.0%
0500	1933 1.9%	16.5	72.4	49.1	50.4	57.6	62.3	0 0.0%
0600	4699 4.5%	11.8	77.2	48.3	48.6	55.4	59.8	0 0.0%
0700	6112 5.9%	17.5	79.1	47.8	48.2	54.0	58.0	0 0.0%
0800	7495 7.2%	11.2	74.7	47.6	48.2	54.4	57.6	0 0.0%
0900	7120 6.8%	13.3	76.1	47.7	48.2	54.4	58.0	0 0.0%
1000	7356 7.1%	11.6	72.7	46.7	47.5	53.6	57.2	0 0.0%
1100	7729 7.4%	10.7	74.1	46.6	47.2	53.3	56.9	0 0.0%
1200	7167 6.9%	11.4	84.9	46.8	47.9	54.0	57.6	1 0.0%
1300	7414 7.1%	11.7	77.7	46.9	47.5	54.0	58.0	0 0.0%
1400	8013 7.7%	10.4	76.5	47.0	47.5	54.0	57.6	0 0.0%
1500	8605 8.3%	13.3	80.6	46.6	47.5	53.6	57.6	1 0.0%
1600	8276 8.0%	10.2	79.4	46.9	47.5	53.6	57.6	0 0.0%
1700	7099 6.8%	13.6	73.3	46.7	47.2	52.9	56.9	0 0.0%
1800	4468 4.3%	15.3	88.3	47.7	48.2	54.4	58.7	2 0.0%
1900	3060 2.9%	13.1	80.2	48.5	49.0	55.4	60.1	1 0.0%
2000	2024 1.9%	10.8	77.2	48.5	49.7	56.2	60.8	0 0.0%
2100	1493 1.4%	19.6	78.5	50.8	50.4	57.2	61.6	0 0.0%
2200	1056 1.0%	20.4	76.6	50.9	51.5	57.2	61.9	0 0.0%
2300	617 0.6%	14.0	79.7	51.4	51.1	59.0	63.7	0 0.0%
----	104011 100.0%	10.2	88.3	47.4	47.9	54.4	58.3	5 0.0%