

Our Reference: J1055\_TSC letter

General Manager  
Tweed Shire Council  
PO Box 816  
Murwillumbah NSW 2484

Attn: Steve Paff

5<sup>th</sup> August 2019

**Re: Splendour in the Grass 2019 traffic impact on Pottsville**

Dear Steve,

I refer to Council's letter dated 9<sup>th</sup> of July 2019, which states the following:

*"That the proponents be requested to measure and provide the service level achieved on Tweed Coast Road and Coronation Avenue, Pottsville, preceding, during and post the event".*

In response to this request, we have carried out traffic surveys at the following locations:

- Tweed Coast Road adjacent the Pottsville South Holiday Park, midway between Philip Street and Coronation Avenue
- Coronation Avenue, opposite First National Real Estate Pottsville Beach.

The traffic surveys commenced on Friday the 12<sup>th</sup> of July 2019 and were intended to continue until Tuesday the 6<sup>th</sup> of August 2019. Due to road tube noise complaints from holiday park patrons, the Tweed Coast Road tubes were removed on Wednesday the 31<sup>st</sup> of July 2019.

Important dates during this period are as follows:

- School holidays until Sunday 21 July 2019.
- Schools back from holidays from Monday 22 July 2019
- Splendour campers arrival Wednesday 17 July – Friday 19 July
- Splendour in the Grass day patrons arrival and departure Friday 19 July – Sunday 21 July

- Splendour in the Grass campers departure Monday 22 July
- Regular traffic from Tuesday 23 July 2019

Throughout the festival, we carried out regular inspections of the traffic situation in Pottsville, several times per day from Wednesday 17 July through until Monday 22 July. From Wednesday through to Sunday, the traffic in Pottsville seemed normal. Not many festival patron vehicles were observed, and no congestion noticed in town.

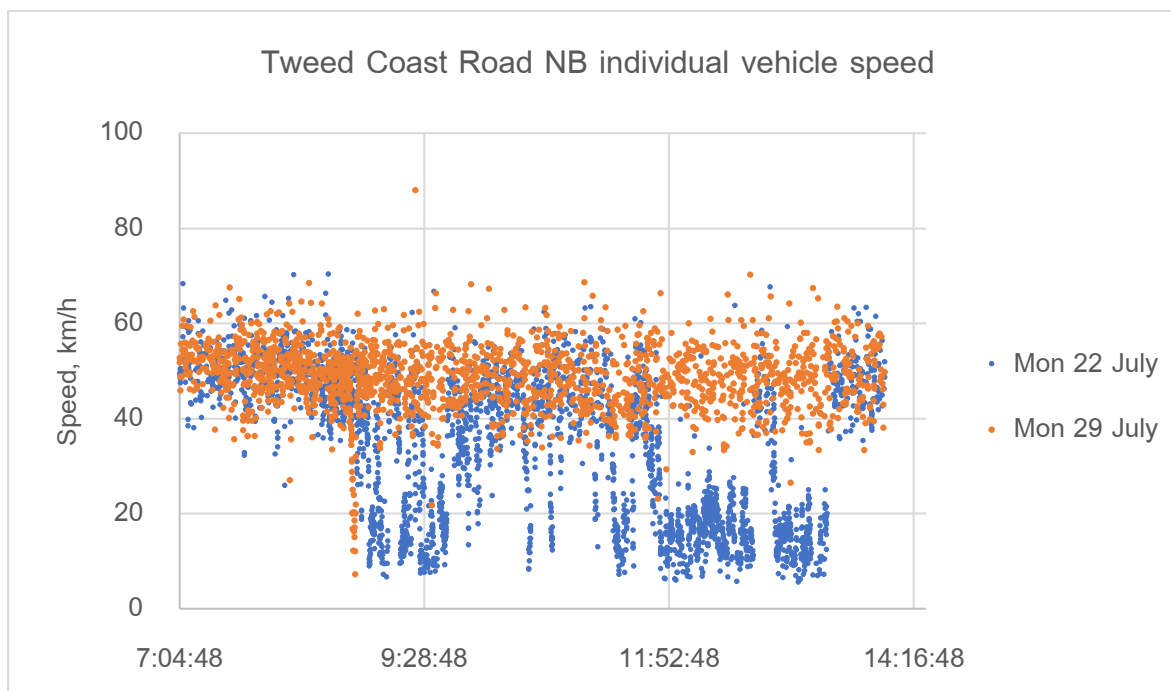
On Monday 22 July, the day of camper departure, we observed the Tweed Coast Road / Coronation Avenue roundabout continuously from 6:54am until 8:19 am. During this period no particular congestion or elevated traffic levels were observed other than to be expected on a regular Monday morning.

At 12:52 we inspected Pottsville again and experienced a 10-minute delay, heading northbound along the Tweed Coast Road and then onto Coronation Avenue. The congestion observed appeared to be associated with campers departing Splendour in the Grass.

In order to quantify the reduced Level of Service in Pottsville during the camper departure day, we have analysed individual vehicle speeds on Tweed Coast Road northbound, on the Monday of the camper departure, and the following Monday. The results are plotted in Figure 1.

The results of this analysis show that on a regular school-day Monday (orange, 29 July), there can be times of short-term congestion, as seen by the sudden drop of vehicle speed at 8:48am. The blue dots, representing Monday 22 July, show that these reductions of Level of Service were increased during the campers departure period on several occasions. The Monday AM peak hour however was not affected, therefore no impact would have been felt during school runs and work commutes. As noted above, the delay through town during the midday congestion was estimated to be around 10 minutes.

Attached to this letter are the detailed volume reports for both surveys. The daily traffic volumes are summarised in Table 1 and Table 2. These tables show some elevated traffic on Saturday to Monday of the Splendour weekend, although some of the elevations can be due to typical fluctuations in background traffic and not all may be attributed to Splendour in the Grass.



**Figure 1 | Tweed Coast Road vehicle speed on Monday**

**Table 1 | Tweed Coast Road daily volumes**

Day of the week	13-19 July	20-26 July	27-30 July
Saturday	5876	6681	6436
Sunday	5549	6930	5522
Monday	5764	7733	6296
Tuesday	5865	6525	6598
Wednesday	6132	6384	
Thursday	6673	6484	
Friday	6876	6989	

**Table 2 | Coronation Avenue daily volumes**

Day of the week	13-19 July	20-26 July	27-30 July
Saturday	6721	6849	6456
Sunday	6031	7298	5274
Monday	6641	8303	6702
Tuesday	6833	7112	6976
Wednesday	6701	6897	
Thursday	7483	7088	
Friday	7387	7497	

From this analysis the following conclusions are drawn:

- No noticeable impact on Pottsville traffic Thursday to Sunday
- No noticeable impact on Pottsville traffic during Monday AM school runs
- Congestion in Pottsville during several periods on Monday during campers departure

In order to reduce the festival impact during next year's event, the following actions will be undertaken:

- Improved camping layout planning to reduce the number of vehicles travelling to Pottsville on the Monday morning.
- As part of planning for next year's event, data from this festival will be analysed in detail to determine the maximum campers departure profile towards Pottsville that can be permitted without causing/exacerbating congestion in Pottsville.
- Traffic outflow volumes turning right out of 'Gate E' onto Wooyung Road towards Pottsville will be restricted in accordance with the above.

If you have any questions, please don't hesitate to contact our office.

Yours sincerely,

A handwritten signature in blue ink, appearing to read "MK", written over a light blue circular stamp.

**Michiel Kamphorst**

**Registered Professional Engineer**

*MSc, BSc, RPEng, RPEQ, NER (Civil)*

Attachments:

- Tweed Coast Road vehicle count report
- Coronation Avenue vehicle count report

## MetroCount Traffic Executive Vehicle Counts

### VehicleCount-171 -- English (ENU)

#### Datasets:

**Site:** [#21 Tweed Coast Rd] Tweed Coast Rd btw Coronation Ave & Tweed Coast Rd  
**Attribute:**  
**Direction:** 7 - North bound A>B, South bound B>A. Lane: 0  
**Survey Duration:** 11:28 Friday, July 12, 2019 => 13:45 Wednesday, July 31, 2019,  
**Zone:**  
**File:** #21 Tweed Coast Rd 0 2019-07-31 1346.EC0 (Plus )  
**Identifier:** DT6579Q4 MC56-L5 [MC55] (c)Microcom 19Oct04  
**Algorithm:** Factory default axle (v5.02)  
**Data type:** Axle sensors - Paired (Class/Speed/Count)

#### Profile:

**Filter time:** 11:29 Friday, July 12, 2019 => 13:45 Wednesday, July 31, 2019 (19.0947)  
**Included classes:** 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12  
**Speed range:** 0 - 160 km/h.  
**Direction:** North, East, South, West (bound), P = North, Lane = 0-16  
**Separation:** Headway > 0 sec, Span 0 - 100 metre  
**Name:** Default Profile  
**Scheme:** Vehicle classification (ARX)  
**Units:** Metric (metre, kilometre, m/s, km/h, kg, tonne)  
**In profile:** Vehicles = 122700 / 122797 (99.92%)

## \* Friday, July 12, 2019 - Total=3773 (Incomplete) , 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
-	-	-	-	-	-	-	-	-	-	-	-	567	482	483	560	578	416	281	142	129	65	42	28
-	-	-	-	-	-	-	-	-	-	-	-	148	125	118	151	154	146	88	53	34	23	12	12
-	-	-	-	-	-	-	-	-	-	-	0	156	109	114	122	139	93	75	40	30	12	12	9
-	-	-	-	-	-	-	-	-	-	110	122	112	129	145	125	96	58	24	31	10	9	5	3
-	-	-	-	-	-	-	-	-	-	133	141	136	122	142	160	81	60	25	34	20	9	2	2

PM Peak 1530 - 1630 (580), PM PHF=0.94

## \* Saturday, July 13, 2019 - Total=5876, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
12	3	3	9	12	56	141	214	341	429	553	610	541	542	499	472	447	356	238	136	91	94	55	22
5	2	1	1	3	6	21	43	95	94	149	168	110	140	141	107	122	104	80	49	31	28	18	4
2	1	0	3	2	13	29	55	72	101	121	134	144	149	108	119	110	80	58	33	17	36	16	9
3	0	1	2	3	14	35	59	82	106	132	169	153	127	118	123	109	99	54	31	27	14	13	7
2	0	1	3	4	23	56	57	92	128	151	139	134	126	132	123	106	73	46	23	16	16	8	2

AM Peak 1045 - 1145 (622), AM PHF=0.92 PM Peak 1230 - 1330 (576), PM PHF=0.94

## \* Sunday, July 14, 2019 - Total=5449, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
11	8	8	8	16	31	128	198	372	463	512	661	563	517	442	412	386	309	177	94	63	39	18	13
4	2	2	3	3	4	23	37	58	96	129	173	139	122	114	110	112	90	47	30	26	9	5	3
2	4	2	4	2	4	29	51	105	113	115	153	151	126	108	98	98	88	52	22	20	15	4	4
2	1	3	1	5	10	39	61	93	115	131	159	147	155	87	98	72	65	45	27	10	6	4	4
3	1	1	0	6	13	37	49	116	139	137	176	126	114	133	106	104	66	33	15	7	9	5	2

AM Peak 1100 - 1200 (661), AM PHF=0.94 PM Peak 1200 - 1300 (563), PM PHF=0.93

## \* Monday, July 15, 2019 - Total=5764, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
4	3	1	7	24	105	219	329	443	432	517	482	424	435	447	528	545	339	220	112	85	34	23	6
2	0	1	0	5	22	41	77	100	106	122	129	95	113	120	114	139	101	65	44	26	10	7	1
1	0	0	1	2	20	36	94	106	110	138	101	112	126	90	140	149	95	65	22	25	8	11	1
1	2	0	3	10	25	64	71	113	111	120	124	113	95	126	131	119	79	52	21	19	9	4	2
0	1	0	3	7	38	78	87	124	105	137	128	104	101	111	143	138	64	38	25	15	7	1	2

AM Peak 1015 - 1115 (524), AM PHF=0.95 PM Peak 1530 - 1630 (562), PM PHF=0.94

## \* Tuesday, July 16, 2019 - Total=5865, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
4	4	2	10	28	105	253	338	464	463	429	429	490	380	442	506	494	443	271	127	98	47	23	15
2	0	1	2	8	23	52	88	87	113	106	94	136	96	92	121	139	120	91	34	32	8	9	6
0	0	0	2	1	13	31	69	104	118	116	103	116	108	120	121	108	120	81	34	21	23	5	4
1	3	1	5	9	22	95	99	133	125	114	116	125	87	103	138	130	105	63	36	30	10	5	0
1	1	0	1	10	47	75	82	140	107	93	116	113	89	127	126	117	98	36	23	15	6	4	5

AM Peak 0830 - 0930 (504), AM PHF=0.90 PM Peak 1515 - 1615 (524), PM PHF=0.94

## \* Wednesday, July 17, 2019 - Total=6132, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
4	2	4	8	31	111	256	367	442	460	492	492	495	453	462	510	526	410	240	129	125	70	30	13
2	1	3	0	9	15	56	71	101	115	116	119	144	108	114	126	122	114	70	46	40	18	13	5
0	0	0	4	7	24	52	78	96	127	111	119	138	117	111	114	124	119	65	32	35	25	7	4
2	1	0	2	9	25	77	117	125	122	115	139	115	105	118	137	141	102	63	30	29	9	2	3
0	0	1	2	6	47	71	101	120	96	150	115	98	123	119	133	139	75	42	21	21	18	8	1

AM Peak 1130 - 1230 (536), AM PHF=0.93 PM Peak 1600 - 1700 (526), PM PHF=0.93

## \* Thursday, July 18, 2019 - Total=6673, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
7	3	6	10	24	101	246	368	490	506	501	510	543	538	507	552	526	440	290	211	140	73	57	24
2	0	2	1	2	13	44	88	92	100	116	136	135	140	130	140	134	124	93	44	35	21	17	6
4	1	0	1	4	21	39	70	115	132	123	119	145	121	130	141	128	115	74	54	45	22	11	10
1	0	2	6	7	30	77	90	126	133	137	134	133	139	131	122	146	106	71	53	26	13	15	4
0	2	2	2	11	37	86	120	157	141	125	121	130	138	116	149	118	95	52	60	34	17	14	4

AM Peak 1130 - 1230 (535), AM PHF=0.92 PM Peak 1545 - 1645 (557), PM PHF=0.93

## \* Friday, July 19, 2019 - Total=6876, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
24	10	7	11	21	105	235	329	463	537	552	559	537	518	526	631	547	439	289	187	132	77	79	61
8	4	2	4	3	13	47	77	104	151	129	127	132	125	127	155	141	119	86	41	33	22	19	12
3	3	2	0	1	24	45	67	121	151	138	131	147	129	126	143	136	118	89	47	33	22	18	19
9	1	2	3	6	27	58	82	116	126	134	152	138	131	141	161	139	115	62	49	30	14	23	16
4	2	1	4	11	41	85	103	122	109	151	149	120	133	132	172	131	87	52	50	36	19	19	14

AM Peak 1130 - 1230 (580), AM PHF=0.95 PM Peak 1500 - 1600 (631), PM PHF=0.92

## \* Saturday, July 20, 2019 - Total=6681, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
101	56	33	24	18	42	154	242	366	509	628	652	664	563	521	514	467	391	227	148	116	118	79	48
20	9	14	4	5	6	22	69	83	127	172	163	171	157	140	137	103	98	76	41	28	40	15	10
18	19	8	13	2	8	32	54	87	120	128	160	159	140	123	135	136	102	59	49	33	32	26	9
33	13	5	3	4	13	44	60	92	119	174	161	188	126	117	127	113	99	49	23	29	30	18	17
30	15	6	4	7	15	56	59	104	143	154	168	146	140	141	115	115	92	43	35	26	16	20	12

AM Peak 1145 - 1245 (686), AM PHF=0.91 PM Peak 1200 - 1300 (664), PM PHF=0.88

\* Sunday, July 21, 2019 - Total=6930, 15 minute drops

Table with 24 columns (0000 to 2300) and 5 rows of data for Sunday, July 21, 2019.

AM Peak 1115 - 1215 (817), AM PHF=0.92 PM Peak 1200 - 1300 (755), PM PHF=0.98

\* Monday, July 22, 2019 - Total=7733, 15 minute drops

Table with 24 columns (0000 to 2300) and 5 rows of data for Monday, July 22, 2019.

AM Peak 0830 - 0930 (865), AM PHF=0.89 PM Peak 1200 - 1300 (749), PM PHF=0.80

\* Tuesday, July 23, 2019 - Total=6525, 15 minute drops

Table with 24 columns (0000 to 2300) and 5 rows of data for Tuesday, July 23, 2019.

AM Peak 0800 - 0900 (762), AM PHF=0.80 PM Peak 1445 - 1545 (665), PM PHF=0.87

\* Wednesday, July 24, 2019 - Total=6384, 15 minute drops

Table with 24 columns (0000 to 2300) and 5 rows of data for Wednesday, July 24, 2019.

AM Peak 0800 - 0900 (746), AM PHF=0.75 PM Peak 1445 - 1545 (650), PM PHF=0.89

\* Thursday, July 25, 2019 - Total=6484, 15 minute drops

Table with 24 columns (0000 to 2300) and 5 rows of data for Thursday, July 25, 2019.

AM Peak 0815 - 0915 (743), AM PHF=0.85 PM Peak 1500 - 1600 (679), PM PHF=0.82

\* Friday, July 26, 2019 - Total=6989, 15 minute drops

Table with 24 columns (0000 to 2300) and 5 rows of data for Friday, July 26, 2019.

AM Peak 0800 - 0900 (759), AM PHF=0.79 PM Peak 1430 - 1530 (724), PM PHF=0.84

\* Saturday, July 27, 2019 - Total=6436, 15 minute drops

Table with 24 columns (0000 to 2300) and 5 rows of data for Saturday, July 27, 2019.

AM Peak 1145 - 1245 (640), AM PHF=0.96 PM Peak 1200 - 1300 (632), PM PHF=0.95

\* Sunday, July 28, 2019 - Total=5522, 15 minute drops

Table with 24 columns (0000 to 2300) and 5 rows of data for Sunday, July 28, 2019.

AM Peak 1100 - 1200 (600), AM PHF=0.87 PM Peak 1245 - 1345 (545), PM PHF=0.97

\* Monday, July 29, 2019 - Total=6296, 15 minute drops

Table with 24 columns (0000 to 2300) and 5 rows of data for Monday, July 29, 2019.

AM Peak 0800 - 0900 (701), AM PHF=0.80 PM Peak 1445 - 1545 (660), PM PHF=0.85

\* Tuesday, July 30, 2019 - Total=6598, 15 minute drops

	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
	<b>5</b>	<b>2</b>	<b>7</b>	<b>7</b>	<b>34</b>	<b>108</b>	<b>283</b>	<b>380</b>	<b>784</b>	<b>481</b>	<b>437</b>	<b>468</b>	<b>410</b>	<b>442</b>	<b>542</b>	<b>624</b>	<b>569</b>	<b>448</b>	<b>283</b>	<b>128</b>	<b>99</b>	<b>31</b>	<b>16</b>	<b>10</b>	
1	1	1	1	1	8	20	59	83	145	140	94	122	116	107	114	208	121	138	81	32	28	11	1	3	0
0	0	1	1	1	4	29	45	108	156	115	108	109	88	113	133	168	164	98	95	32	21	6	6	3	3
2	1	1	1	1	12	24	81	81	263	109	114	115	101	107	117	114	148	123	59	38	25	7	5	2	2
2	0	4	4	10	35	98	108	220	117	121	122	105	115	178	134	136	89	48	26	25	7	4	2	1	

AM Peak 0800 - 0900 (784), AM PHF=0.75 PM Peak 1430 - 1530 (671), PM PHF=0.81

\* Wednesday, July 31, 2019 - Total=3471 (Incomplete) , 15 minute drops

	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
	<b>6</b>	<b>0</b>	<b>5</b>	<b>8</b>	<b>39</b>	<b>115</b>	<b>235</b>	<b>380</b>	<b>743</b>	<b>453</b>	<b>411</b>	<b>429</b>	<b>407</b>	-	-	-	-	-	-	-	-	-	-	-
0	0	1	3	6	22	32	73	151	142	92	111	118	89	-	-	-	-	-	-	-	-	-	-	-
3	0	3	2	7	23	49	85	172	121	109	103	104	90	-	-	-	-	-	-	-	-	-	-	-
2	0	0	2	13	21	71	103	202	87	100	92	90	61	-	-	-	-	-	-	-	-	-	-	-
1	0	1	1	13	49	83	119	218	103	110	123	95	-	-	-	-	-	-	-	-	-	-	-	-

AM Peak 0800 - 0900 (743), AM PHF=0.85



## MetroCount Traffic Executive Vehicle Counts

### VehicleCount-172 -- English (ENU)

#### Datasets:

**Site:** [#22 Coronation Ave] Coronation Ave btw Tweed Coast Rd & Tweed Coast Rd  
**Attribute:** Map 241 G10  
**Direction:** 8 - East bound A>B, West bound B>A. Lane: 0  
**Survey Duration:** 11:40 Friday, July 12, 2019 => 13:31 Wednesday, July 31, 2019,  
**Zone:**  
**File:** #22 Coronation Ave 0 2019-07-31 1322.EC0 (Plus )  
**Identifier:** MD57S1JM MC56-L5 [MC55] (c)Microcom 19Oct04  
**Algorithm:** Factory default axle (v5.02)  
**Data type:** Axle sensors - Paired (Class/Speed/Count)

#### Profile:

**Filter time:** 11:41 Friday, July 12, 2019 => 13:31 Wednesday, July 31, 2019 (19.0765)  
**Included classes:** 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12  
**Speed range:** 0 - 160 km/h.  
**Direction:** North, East, South, West (bound), P = East, Lane = 0-16  
**Separation:** Headway > 0 sec, Span 0 - 100 metre  
**Name:** Default Profile  
**Scheme:** Vehicle classification (ARX)  
**Units:** Metric (metre, kilometre, m/s, km/h, kg, tonne)  
**In profile:** Vehicles = 131955 / 132225 (99.80%)

\* Friday, July 12, 2019 - Total=3812 (Incomplete) , 15 minute drops

Table with columns 0000 to 2300 and rows of traffic counts. Total: 3812 (Incomplete). PM Peak 1630 - 1730 (642), PM PHF=0.92

\* Saturday, July 13, 2019 - Total=6721, 15 minute drops

Table with columns 0000 to 2300 and rows of traffic counts. Total: 6721. AM Peak 1045 - 1145 (665), AM PHF=0.88 PM Peak 1315 - 1415 (595), PM PHF=0.95

\* Sunday, July 14, 2019 - Total=6031, 15 minute drops

Table with columns 0000 to 2300 and rows of traffic counts. Total: 6031. AM Peak 1045 - 1145 (696), AM PHF=0.90 PM Peak 1200 - 1300 (575), PM PHF=0.93

\* Monday, July 15, 2019 - Total=6641, 15 minute drops

Table with columns 0000 to 2300 and rows of traffic counts. Total: 6641. AM Peak 1115 - 1215 (568), AM PHF=0.95 PM Peak 1545 - 1645 (605), PM PHF=0.95

\* Tuesday, July 16, 2019 - Total=6833, 15 minute drops

Table with columns 0000 to 2300 and rows of traffic counts. Total: 6833. AM Peak 1115 - 1215 (537), AM PHF=0.93 PM Peak 1515 - 1615 (627), PM PHF=0.93

\* Wednesday, July 17, 2019 - Total=6701, 15 minute drops

Table with columns 0000 to 2300 and rows of traffic counts. Total: 6701. AM Peak 1130 - 1230 (556), AM PHF=0.94 PM Peak 1500 - 1600 (622), PM PHF=0.89

\* Thursday, July 18, 2019 - Total=7483, 15 minute drops

Table with columns 0000 to 2300 and rows of traffic counts. Total: 7483. AM Peak 1130 - 1230 (623), AM PHF=0.93 PM Peak 1545 - 1645 (639), PM PHF=0.91

\* Friday, July 19, 2019 - Total=7387, 15 minute drops

Table with columns 0000 to 2300 and rows of traffic counts. Total: 7387. AM Peak 1030 - 1130 (619), AM PHF=0.92 PM Peak 1530 - 1630 (634), PM PHF=0.95

\* Saturday, July 20, 2019 - Total=6849, 15 minute drops

Table with columns 0000 to 2300 and rows of traffic counts. Total: 6849. AM Peak 1030 - 1130 (730), AM PHF=0.88 PM Peak 1200 - 1300 (654), PM PHF=0.84

\* Sunday, July 21, 2019 - Total=7298, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
<b>39</b>	<b>54</b>	<b>45</b>	<b>18</b>	<b>26</b>	<b>57</b>	<b>191</b>	<b>241</b>	<b>433</b>	<b>708</b>	<b>780</b>	<b>841</b>	<b>793</b>	<b>710</b>	<b>527</b>	<b>505</b>	<b>429</b>	<b>337</b>	<b>226</b>	<b>114</b>	<b>88</b>	<b>66</b>	<b>40</b>	<b>30</b>
10	17	12	8	4	7	47	48	80	154	181	223	<b>224</b>	176	146	135	97	87	87	30	26	16	10	10
5	12	12	6	8	7	39	56	100	167	203	<b>216</b>	<b>184</b>	178	128	121	105	88	64	31	20	15	11	5
14	15	12	3	7	14	57	68	120	201	200	<b>201</b>	<b>199</b>	164	136	133	104	91	35	31	24	18	7	12
10	10	9	1	7	29	48	69	133	186	196	<b>201</b>	<b>186</b>	192	117	116	123	71	40	22	18	17	12	3

AM Peak 1115 - 1215 (842), AM PHF=0.94 PM Peak 1200 - 1300 (793), PM PHF=0.89

\* Monday, July 22, 2019 - Total=8303, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
<b>34</b>	<b>56</b>	<b>33</b>	<b>38</b>	<b>48</b>	<b>121</b>	<b>292</b>	<b>449</b>	<b>717</b>	<b>882</b>	<b>666</b>	<b>747</b>	<b>779</b>	<b>643</b>	<b>564</b>	<b>638</b>	<b>585</b>	<b>472</b>	<b>246</b>	<b>141</b>	<b>89</b>	<b>46</b>	<b>10</b>	<b>7</b>
10	15	17	7	6	18	59	83	128	<b>200</b>	186	152	<b>216</b>	212	142	169	146	146	68	30	24	14	4	2
6	20	4	9	9	32	62	107	158	<b>230</b>	157	195	<b>216</b>	171	119	150	147	117	76	50	25	8	4	2
5	14	7	12	18	27	71	118	220	<b>233</b>	171	<b>202</b>	<b>184</b>	121	129	145	157	114	63	35	24	9	2	1
13	7	5	10	15	44	100	141	211	<b>219</b>	152	198	<b>163</b>	139	174	174	135	95	39	26	16	15	0	2

AM Peak 0900 - 1000 (882), AM PHF=0.95 PM Peak 1200 - 1300 (779), PM PHF=0.90

\* Tuesday, July 23, 2019 - Total=7112, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
<b>6</b>	<b>3</b>	<b>2</b>	<b>7</b>	<b>48</b>	<b>117</b>	<b>285</b>	<b>453</b>	<b>683</b>	<b>566</b>	<b>485</b>	<b>481</b>	<b>475</b>	<b>477</b>	<b>520</b>	<b>642</b>	<b>598</b>	<b>562</b>	<b>345</b>	<b>143</b>	<b>124</b>	<b>51</b>	<b>30</b>	<b>9</b>
1	0	0	1	3	22	51	97	125	<b>169</b>	134	112	138	112	87	<b>177</b>	146	134	104	42	46	13	8	3
4	1	1	0	9	22	59	98	<b>175</b>	125	108	114	121	131	118	<b>179</b>	158	146	111	37	31	12	12	2
1	1	1	4	17	27	85	130	<b>184</b>	119	115	141	108	109	<b>159</b>	128	153	142	77	31	20	15	4	3
0	1	0	2	19	46	90	128	<b>199</b>	153	128	114	108	125	<b>156</b>	158	141	140	53	33	27	11	6	1

AM Peak 0815 - 0915 (727), AM PHF=0.91 PM Peak 1430 - 1530 (671), PM PHF=0.94

\* Wednesday, July 24, 2019 - Total=6897, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
<b>5</b>	<b>4</b>	<b>3</b>	<b>15</b>	<b>37</b>	<b>116</b>	<b>275</b>	<b>416</b>	<b>688</b>	<b>514</b>	<b>460</b>	<b>440</b>	<b>443</b>	<b>465</b>	<b>487</b>	<b>612</b>	<b>618</b>	<b>555</b>	<b>347</b>	<b>182</b>	<b>113</b>	<b>69</b>	<b>24</b>	<b>9</b>
3	3	2	3	7	15	44	94	<b>142</b>	133	118	113	79	112	114	<b>170</b>	130	157	94	50	33	23	6	5
1	1	0	2	5	28	47	92	<b>159</b>	129	107	109	135	132	106	<b>178</b>	168	148	109	47	33	18	8	0
1	0	1	4	9	41	78	123	<b>203</b>	126	112	98	107	119	120	<b>158</b>	166	138	69	48	27	18	5	1
0	0	0	6	16	32	106	107	<b>184</b>	126	123	120	122	102	<b>147</b>	106	154	112	75	37	20	10	5	3

AM Peak 0800 - 0900 (688), AM PHF=0.85 PM Peak 1445 - 1545 (653), PM PHF=0.92

\* Thursday, July 25, 2019 - Total=7088, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
<b>5</b>	<b>1</b>	<b>0</b>	<b>9</b>	<b>41</b>	<b>105</b>	<b>259</b>	<b>414</b>	<b>639</b>	<b>528</b>	<b>504</b>	<b>519</b>	<b>459</b>	<b>440</b>	<b>516</b>	<b>658</b>	<b>655</b>	<b>568</b>	<b>366</b>	<b>183</b>	<b>142</b>	<b>49</b>	<b>21</b>	<b>7</b>
0	0	0	4	8	14	46	80	119	<b>159</b>	115	126	113	115	115	180	<b>158</b>	161	117	53	24	18	6	2
1	0	0	1	5	21	45	106	<b>145</b>	121	117	129	115	105	126	179	<b>178</b>	172	107	35	46	10	5	1
3	1	0	2	11	26	76	110	<b>193</b>	125	136	155	127	110	138	<b>133</b>	<b>173</b>	128	83	58	40	12	6	3
1	0	0	2	17	44	92	118	<b>182</b>	123	136	109	104	110	137	<b>166</b>	146	107	59	37	32	9	4	1

AM Peak 0815 - 0915 (679), AM PHF=0.88 PM Peak 1545 - 1645 (675), PM PHF=0.95

\* Friday, July 26, 2019 - Total=7497, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
<b>10</b>	<b>4</b>	<b>4</b>	<b>7</b>	<b>35</b>	<b>103</b>	<b>255</b>	<b>441</b>	<b>695</b>	<b>515</b>	<b>509</b>	<b>549</b>	<b>487</b>	<b>495</b>	<b>555</b>	<b>740</b>	<b>619</b>	<b>592</b>	<b>400</b>	<b>202</b>	<b>125</b>	<b>73</b>	<b>61</b>	<b>21</b>
3	2	1	2	5	11	49	99	<b>134</b>	131	133	123	177	135	132	<b>210</b>	158	137	126	68	42	21	21	9
1	1	2	2	7	24	58	94	<b>162</b>	111	127	140	105	124	101	<b>179</b>	171	144	96	58	32	16	12	1
3	1	1	0	12	34	63	127	<b>197</b>	134	105	148	105	124	151	<b>175</b>	145	185	102	37	35	18	13	7
3	0	0	3	11	34	85	121	<b>202</b>	139	144	138	100	112	171	<b>176</b>	145	126	76	39	16	18	15	4

AM Peak 0800 - 0900 (695), AM PHF=0.86 PM Peak 1500 - 1600 (740), PM PHF=0.88

\* Saturday, July 27, 2019 - Total=6456, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
<b>10</b>	<b>5</b>	<b>8</b>	<b>10</b>	<b>18</b>	<b>62</b>	<b>163</b>	<b>260</b>	<b>462</b>	<b>548</b>	<b>662</b>	<b>310</b>	<b>644</b>	<b>584</b>	<b>563</b>	<b>494</b>	<b>456</b>	<b>451</b>	<b>297</b>	<b>168</b>	<b>108</b>	<b>76</b>	<b>59</b>	<b>38</b>
3	1	2	1	2	6	27	50	92	136	169	<b>177</b>	<b>173</b>	151	144	134	114	121	107	60	37	19	22	15
5	2	4	2	7	15	31	72	125	120	<b>165</b>	74	<b>145</b>	149	144	117	130	123	73	45	27	18	12	13
1	0	1	3	2	15	53	62	120	137	<b>170</b>	0	<b>172</b>	156	139	124	97	126	64	30	17	22	11	4
1	2	1	4	7	26	52	76	125	155	<b>158</b>	59	<b>154</b>	128	136	119	115	81	53	33	27	17	14	6

AM Peak 1015 - 1115 (670), AM PHF=0.95 PM Peak 1200 - 1300 (644), PM PHF=0.93

\* Sunday, July 28, 2019 - Total=5274, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
<b>15</b>	<b>10</b>	<b>7</b>	<b>6</b>	<b>14</b>	<b>38</b>	<b>111</b>	<b>115</b>	<b>364</b>	<b>525</b>	<b>558</b>	<b>590</b>	<b>590</b>	<b>586</b>	<b>503</b>	<b>68</b>	<b>304</b>	<b>377</b>	<b>192</b>	<b>125</b>	<b>94</b>	<b>54</b>	<b>22</b>	<b>6</b>
6	2	2	1	4	4	14	40	67	127	140	143	<b>147</b>	<b>133</b>	126	68	21	121	47	38	25	15	9	1
6	1	2	1	3	8	15	50	91	130	142	<b>143</b>	<b>145</b>	<b>160</b>	137	0	102	88	50	36	38	20	5	4
3	3	1	4	2	9	40	0	111	144	133	<b>152</b>	141	<b>144</b>	135	0	88	98	50	27	20	11	4	1
0	4	2	0	5	17	42	25	95	124	143	<b>152</b>	<b>157</b>	<b>149</b>	105	0	93	70	45	24	11	8	4	0

AM Peak 1130 - 1230 (596), AM PHF=0.98 PM Peak 1245 - 1345 (594), PM PHF=0.93

\* Monday, July 29, 2019 - Total=6702, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
<b>3</b>	<b>6</b>	<b>1</b>	<b>13</b>	<b>42</b>	<b>115</b>	<b>268</b>	<b>421</b>	<b>691</b>	<b>477</b>	<b>456</b>	<b>503</b>	<b>439</b>	<b>470</b>	<b>544</b>	<b>633</b>	<b>605</b>	<b>448</b>	<b>248</b>	<b>145</b>	<b>108</b>	<b>44</b>	<b>15</b>	<b>7</b>

**\* Tuesday, July 30, 2019 - Total=6976, 15 minute drops**

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
<b>4</b>	<b>2</b>	<b>5</b>	<b>11</b>	<b>38</b>	<b>127</b>	<b>281</b>	<b>443</b>	<b>698</b>	<b>531</b>	<b>461</b>	<b>526</b>	<b>456</b>	<b>476</b>	<b>535</b>	<b>593</b>	<b>621</b>	<b>510</b>	<b>336</b>	<b>148</b>	<b>96</b>	<b>46</b>	<b>25</b>	<b>7</b>	
2	1	2	2	8	22	59	105	125	131	118	136	143	115	100	161	141	153	101	44	23	18	8	3	0
0	0	0	2	7	29	49	108	173	136	122	127	100	122	125	151	167	130	106	45	25	13	10	1	3
1	1	2	2	12	35	72	106	214	130	105	132	107	105	152	135	153	128	68	27	34	6	5	1	2
1	0	1	5	11	41	101	124	186	134	116	131	106	134	158	146	160	99	61	32	14	9	2	2	0

AM Peak 0815 - 0915 (704), AM PHF=0.82 PM Peak 1615 - 1715 (633), PM PHF=0.95

**\* Wednesday, July 31, 2019 - Total=3729 (Incomplete) , 15 minute drops**

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
<b>5</b>	<b>2</b>	<b>6</b>	<b>14</b>	<b>43</b>	<b>123</b>	<b>275</b>	<b>436</b>	<b>717</b>	<b>517</b>	<b>424</b>	<b>488</b>	<b>455</b>	-	-	-	-	-	-	-	-	-	-	-	-
0	0	3	3	12	11	39	80	142	147	111	124	130	105	-	-	-	-	-	-	-	-	-	-	-
3	0	3	3	8	30	59	106	160	136	102	116	108	110	-	-	-	-	-	-	-	-	-	-	-
2	0	0	6	12	37	69	125	200	112	102	112	108	9	-	-	-	-	-	-	-	-	-	-	-
0	2	0	2	11	45	108	125	215	122	109	136	109	-	-	-	-	-	-	-	-	-	-	-	-

AM Peak 0815 - 0915 (724), AM PHF=0.84