

0318

Roadway Survey Field Sheet

TS Project #

Map

Grid

Start Time

Of Days

2:10

Location: SR-502 + NE 50TH AV

City: VANCOUVER

Location ID:

Type of Survey

- Volume
- Speed
- Classification

Start Date: 9/16/03

S M T W T F S

End Date: 9/18/03

S M T W T F S

Counters 8

Tubes 8

SITE EVALUATION

- YES NO ???
- Vehicles Crossing Tube Perpendicular
- Do You Anticipate Queuing Across Tube
- Speed Greater Than 20 Miles / Hour
- Tube Crosses More Than 2 Lanes

SPEED: High _____ Mph Low _____ Mph

POSTED SPEED

- None 40 Mph
- 25 Mph 45 Mph
- 30 Mph 50 Mph
- 35 Mph 55 Mph
- Other: _____

DWELL TIME

LOWEST SPEED MPH	HIGHEST SPEED				
	10-20	15-30	25-40	35-45	> 45
Standing Queue	200	130	100	80	40
5 - 10 MPH	130	90	70	60	40
> 10 MPH	100	80	60	40	40

(TAD, TBD)

- A
- B
- M
- D

Use 2 Counters if Traffic Conditions are different in each direction.

DWELL (TAD, TBD) -

AXLE STRIKE COUNT

G M D A B

SYSTEM DELAY LOGIC

D

SPEED Low vol.

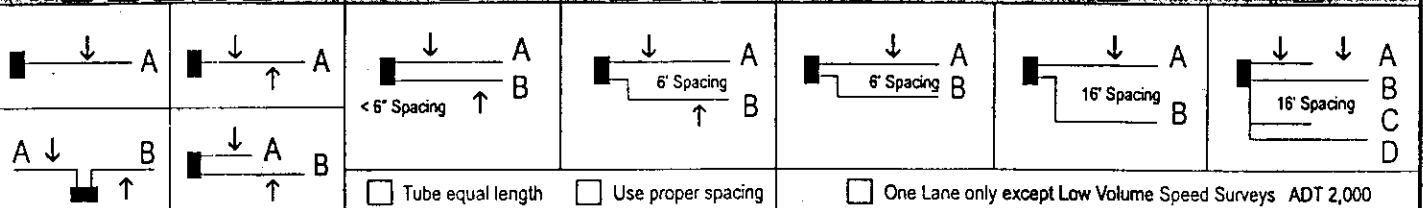
G M B

VEHICLE SPEED CLASSIFICATION

M B

G

L



COUNTER / SET DOWN

Type: AMAX

No.: 66/61/44/38

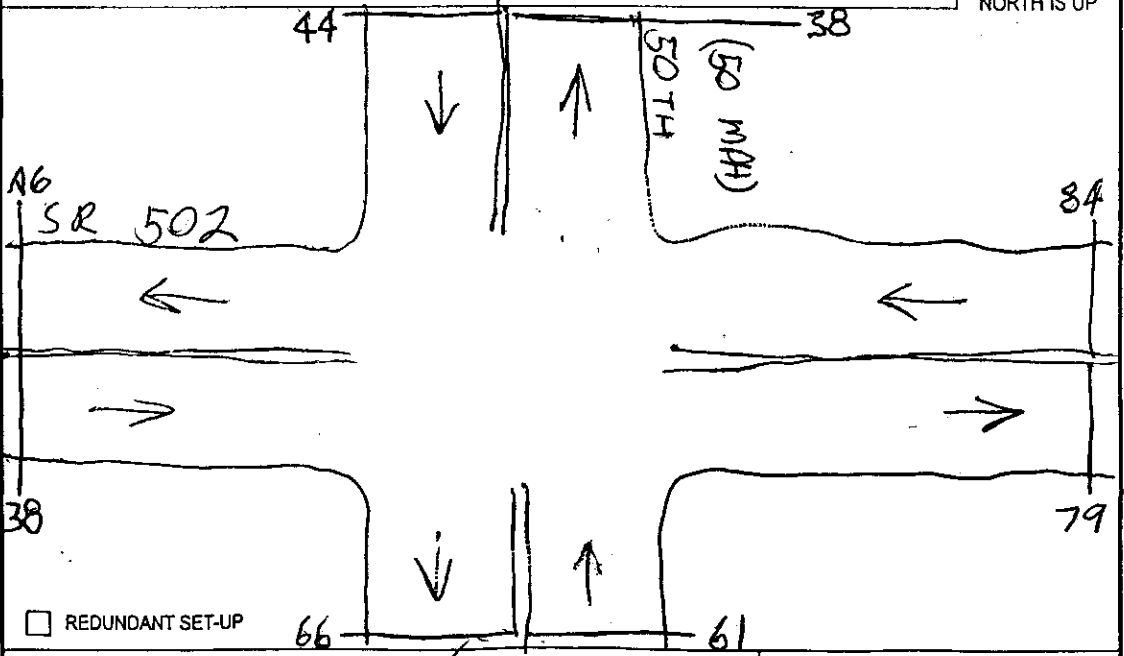
Box: 84/79/38/16

Tube Length: 40

Hammer Test

CHECK	DATE	TIME
P F		
P F		
P F		
P F		
P F		

- DIRECTION: East Bound West Bound North Bound South Bound Approach
- COMBINED: East / West North / South DRWY: Combined In-Bound Out-Bound
- ROAD: Dry Wet Asphalt Concrete Broken Rutted Curved



PICK-UP

Hammer Test

Date: 9/18/03 Time: 1:50

FIVE NAMES

- 1850TS66
- 1850TN61
- 1850TS44
- 1850TN38
- 18502W84
- 18502E79

Remarks: WEATHER: Sunny Overcast Rain Snow

18502E38
18502WAG

Surveyed By: M.P.

TRAFFIC SMITHY
1225 NW Murray Blvd. Suite 111
Portland, OR 97229
Phone: 503/641-6333 - Fax: 503/643-8866

TRAFFIC SMITHY, INC
 1225 NW MURRAY BLVD SUITE 111
 PORTLAND, OR 97229
 Phone: 503-641-6333 Fax: 503-643-8866

Roadway: NE 50TH AVENUE
 Location: SOUTH OF SR-502

Date: 09/17/03
 Day of Week: Wednesday

SB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	0	0	0	0	0	0	0	1	0	0	0	0	1
01:00	0	0	1	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	1	1	1	1	0	4
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	2	0	0	0	0	1	1	0	0	0	4
05:00	1	1	0	0	1	0	0	1	0	1	0	0	5
06:00	2	0	3	4	2	2	3	3	2	3	2	3	29
07:00	9	2	3	5	3	4	3	4	4	4	4	1	46
08:00	4	6	7	5	6	0	1	7	7	3	1	4	51
09:00	3	1	4	1	2	1	1	0	2	1	1	1	18
10:00	3	0	0	1	2	1	3	0	3	3	2	1	19
11:00	3	1	4	4	3	2	5	0	3	5	2	0	32
12:00	0	3	3	0	0	2	2	2	0	0	1	3	16
13:00	2	1	1	2	1	3	1	0	2	1	2	1	17
14:00	3	4	4	0	1	2	0	2	1	3	6	3	29
15:00	3	2	0	4	4	5	5	5	8	0	3	4	43
16:00	3	7	4	0	2	4	0	4	2	5	0	4	35
17:00	1	4	5	0	3	2	3	3	1	4	5	3	34
18:00	0	2	1	0	1	0	1	1	4	1	0	2	13
19:00	4	0	1	0	0	1	1	1	1	2	0	3	14
20:00	1	3	1	3	2	0	3	2	0	1	1	1	18
21:00	1	1	0	2	0	1	1	0	0	0	0	0	6
22:00	0	4	1	0	0	0	0	2	0	0	0	0	7
23:00	0	1	0	0	0	0	0	2	0	0	0	0	3

Daily Total: 445

AM Peak Hour: 52 (07:25 - 08:25)

11.6% Of Daily Total

PM Peak Hour: 52 (15:15 - 16:15)

11.6% Of Daily Total

4th Highest Hour: 35 (16:00 - 17:00)

7.86% Of Daily Total

8th Highest Hour: 29 (14:00 - 15:00)

6.51% Of Daily Total

TRAFFIC SMITHY, INC
 1225 NW MURRAY BLVD SUITE 111
 PORTLAND, OR 97229
 Phone: 503-641-6333 Fax: 503-643-8866

Roadway: NE 50TH AVENUE
 Location: SOUTH OF SR-502

Date: 09/17/03
 Day of Week: Wednesday

NB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	1	0	0	0	0	0	0	1	0	0	0	1	3
01:00	0	0	0	0	0	0	0	0	0	0	0	1	1
02:00	0	1	0	0	0	2	0	0	0	1	0	0	4
03:00	0	1	0	0	0	1	0	0	0	0	0	0	2
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	4	0	1	0	0	1	1	0	0	7
06:00	2	0	1	1	1	0	1	0	0	0	1	3	10
07:00	1	0	5	2	2	2	1	1	2	5	2	3	26
08:00	2	1	3	0	6	2	2	1	1	2	1	2	23
09:00	1	1	1	2	2	0	1	0	3	2	1	1	15
10:00	6	2	1	0	3	2	0	2	1	3	2	1	23
11:00	0	1	0	2	1	0	3	3	1	2	0	1	14
12:00	3	3	1	1	4	1	2	4	0	0	1	4	24
13:00	1	2	0	2	0	2	2	0	2	6	8	4	29
14:00	5	3	3	2	1	4	1	4	6	7	4	3	43
15:00	2	4	5	10	8	5	3	2	5	5	4	3	56
16:00	4	5	3	5	9	6	3	8	8	2	7	10	70
17:00	4	2	7	6	4	3	4	2	4	3	6	4	49
18:00	7	1	6	6	4	4	2	6	0	3	1	4	44
19:00	1	4	2	3	0	5	4	3	0	3	3	4	32
20:00	1	4	2	1	2	2	2	1	0	3	2	0	20
21:00	0	2	0	2	3	1	0	0	0	1	2	2	13
22:00	1	1	0	0	0	0	1	1	0	1	2	3	10
23:00	1	0	0	0	0	0	1	0	2	0	0	0	4

Daily Total: 522

AM Peak Hour: 29 (07:35 - 08:35)

PM Peak Hour: 72 (16:20 - 17:20)

4th Highest Hour: 44 (18:00 - 19:00)

8th Highest Hour: 26 (07:00 - 08:00)

5.55% Of Daily Total

13.7% Of Daily Total

8.42% Of Daily Total

4.98% Of Daily Total

TRAFFIC SMITHY, INC
 1225 NW MURRAY BLVD SUITE 111
 PORTLAND, OR 97229
 Phone: 503-641-6333 Fax: 503-643-8866

Roadway: NE 50TH AVENUE
 Location: NORTH OF SR-502

Date: 09/17/03
 Day of Week: Wednesday

NB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	1	0	0	0	0	0	0	0	0	0	0	1	2
01:00	1	0	1	0	0	0	0	0	0	1	0	1	4
02:00	1	1	0	0	0	4	1	0	0	0	0	0	7
03:00	0	1	0	0	0	1	0	0	0	0	0	0	2
04:00	0	0	0	0	0	0	0	0	1	0	0	0	1
05:00	0	0	0	1	1	2	1	0	2	1	2	0	10
06:00	1	1	0	1	0	0	0	2	1	1	1	3	11
07:00	2	0	1	1	0	3	1	1	2	5	2	1	19
08:00	1	3	1	0	4	0	3	2	0	2	2	2	20
09:00	2	1	3	5	1	0	0	2	1	1	3	3	22
10:00	6	3	2	1	1	3	0	5	3	3	2	1	30
11:00	2	1	3	4	2	4	2	2	1	3	1	1	26
12:00	0	3	2	3	4	2	1	4	2	2	1	3	27
13:00	2	2	3	1	0	1	2	1	3	4	8	3	30
14:00	3	2	5	5	3	4	3	4	6	6	4	8	53
15:00	1	3	7	9	7	8	5	9	9	3	6	4	71
16:00	7	6	6	3	5	8	6	10	8	3	9	10	81
17:00	10	4	4	6	4	9	7	8	5	4	8	7	76
18:00	9	5	3	5	6	2	4	7	3	6	6	5	61
19:00	7	3	5	4	3	3	2	4	3	3	4	4	45
20:00	1	3	3	5	1	3	2	5	2	4	0	2	31
21:00	2	1	1	6	4	2	0	0	4	1	2	0	23
22:00	2	0	0	2	0	0	1	1	1	0	2	1	10
23:00	5	0	0	0	0	0	0	0	1	0	0	0	6

Daily Total: 668

AM Peak Hour: 33 (09:50 - 10:50)

4.94% Of Daily Total

PM Peak Hour: 84 (16:05 - 17:05)

12.5% Of Daily Total

4th Highest Hour: 61 (18:00 - 19:00)

9.13% Of Daily Total

8th Highest Hour: 30 (10:00 - 11:00)

4.49% Of Daily Total

TRAFFIC SMITHY, INC
 1225 NW MURRAY BLVD SUITE 111
 PORTLAND, OR 97229
 Phone: 503-641-6333 Fax: 503-643-8866

Roadway: 50TH AVENUE
 Location: NORTH OF SR-502

Date: 09/17/03
 Day of Week: Wednesday

SB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	1	0	0	0	0	0	0	0	0	1	2
02:00	1	0	0	0	0	1	1	1	1	1	1	0	7
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	1	1	1	0	0	0	1	1	1	0	1	7
05:00	0	3	0	2	0	4	1	2	1	3	3	3	22
06:00	5	3	5	4	3	8	5	6	2	5	8	5	59
07:00	8	3	6	1	5	6	4	7	3	12	6	1	62
08:00	5	6	10	5	8	1	1	7	9	2	2	4	60
09:00	4	4	2	2	4	1	5	3	3	3	1	5	37
10:00	2	1	0	2	7	3	4	4	5	0	1	2	31
11:00	0	2	4	6	5	3	4	1	4	2	3	2	36
12:00	1	4	2	3	1	1	2	3	3	1	0	3	24
13:00	3	1	1	4	6	1	2	3	3	2	2	5	33
14:00	2	5	5	0	3	1	3	3	1	2	9	5	39
15:00	3	4	4	4	6	9	5	3	8	1	1	3	51
16:00	4	6	6	1	4	7	1	5	2	7	4	3	50
17:00	5	3	5	0	4	2	3	5	5	3	10	2	47
18:00	3	1	3	1	1	4	1	4	5	1	3	4	31
19:00	5	2	0	4	2	4	1	1	4	0	4	1	28
20:00	2	5	1	4	1	3	4	4	0	1	1	3	29
21:00	1	1	2	2	3	0	2	0	0	2	1	0	14
22:00	0	1	1	1	0	0	0	1	1	2	0	0	7
23:00	1	0	1	0	0	1	1	2	0	0	0	0	6

Daily Total: 682

AM Peak Hour: 73 (07:25 - 08:25)

10.7% Of Daily Total

PM Peak Hour: 62 (14:45 - 15:45)

9.09% Of Daily Total

4th Highest Hour: 51 (15:00 - 16:00)

7.47% Of Daily Total

8th Highest Hour: 37 (09:00 - 10:00)

5.42% Of Daily Total

TRAFFIC SMITHY, INC
 1225 NW MURRAY BLVD SUITE 111
 PORTLAND, OR 97229
 Phone: 503-641-6333 Fax: 503-643-8866

Roadway: SR-502
 Location: EAST OF NE 50TH AVENUE

Date: 09/17/03
 Day of Week: Wednesday

WB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	5	3	2	1	0	2	6	0	2	1	2	1	25
01:00	0	3	2	4	0	2	1	3	0	5	1	1	22
02:00	0	4	1	1	6	1	1	3	1	1	4	0	23
03:00	9	2	1	1	1	4	3	2	3	5	7	3	41
04:00	8	8	8	7	3	3	7	9	10	3	11	10	87
05:00	17	26	26	24	41	35	30	25	36	32	35	41	368
06:00	36	50	56	48	47	44	45	34	51	37	43	41	532
07:00	37	33	47	32	26	74	41	36	38	32	19	37	452
08:00	38	33	42	36	37	28	29	27	39	28	24	13	374
09:00	29	35	41	38	13	29	29	30	25	23	32	29	353
10:00	25	25	14	21	20	18	23	33	25	27	31	31	293
11:00	35	36	23	24	31	35	23	30	25	20	22	28	332
12:00	24	32	23	18	18	22	24	22	33	19	18	26	279
13:00	25	20	26	20	22	25	22	21	21	23	25	17	267
14:00	20	23	22	22	35	45	36	30	24	32	31	29	349
15:00	27	20	23	26	16	18	37	21	27	24	25	27	291
16:00	19	34	19	30	37	30	13	24	12	34	26	18	296
17:00	31	25	46	28	18	37	33	25	23	16	21	23	326
18:00	15	22	19	22	20	20	22	18	17	24	19	16	234
19:00	20	19	7	13	5	15	8	12	10	15	13	10	147
20:00	18	22	10	4	7	10	16	3	17	11	7	9	134
21:00	13	12	14	14	5	14	10	7	21	5	6	7	128
22:00	12	6	4	10	6	9	5	2	2	1	2	6	65
23:00	2	5	4	2	3	3	2	1	5	2	5	1	35

Daily Total: 5453

AM Peak Hour: 533 (06:05 - 07:05)

9.77% Of Daily Total

PM Peak Hour: 358 (14:20 - 15:20)

6.56% Of Daily Total

4th Highest Hour: 368 (05:00 - 06:00)

6.74% Of Daily Total

8th Highest Hour: 326 (17:00 - 18:00)

5.97% Of Daily Total

TRAFFIC SMITHY, INC
 1225 NW MURRAY BLVD SUITE 111
 PORTLAND, OR 97229
 Phone: 503-641-6333 Fax: 503-643-8866

Roadway: SR-502
 Location: EAST OF NE 50TH AVENUE

Date: 09/17/03
 Day of Week: Wednesday

EB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	2	3	6	4	6	5	3	11	3	4	6	3	56
01:00	5	4	3	0	3	0	0	1	1	1	0	3	21
02:00	3	1	3	0	1	2	3	3	2	2	2	4	26
03:00	1	1	1	0	4	2	0	2	1	1	4	1	18
04:00	2	1	0	1	4	2	2	0	0	3	0	0	15
05:00	3	2	2	0	2	3	1	5	5	5	15	7	50
06:00	7	9	17	8	11	9	12	21	18	16	17	13	158
07:00	11	18	18	12	24	19	21	19	20	23	16	25	226
08:00	12	22	26	18	19	19	24	12	23	23	30	18	246
09:00	27	20	18	14	16	12	12	15	18	20	18	27	217
10:00	19	25	25	24	22	23	17	18	21	16	29	22	261
11:00	23	20	21	25	30	24	21	19	30	15	22	21	271
12:00	24	28	35	28	25	31	23	30	20	23	20	26	313
13:00	25	43	22	30	18	28	23	22	34	31	31	33	340
14:00	28	27	28	18	24	27	25	20	44	40	33	32	346
15:00	38	40	39	39	40	54	50	36	52	32	40	48	508
16:00	39	38	44	42	48	46	41	44	64	51	48	51	556
17:00	50	45	53	67	50	44	58	52	37	44	45	41	586
18:00	38	42	35	34	25	32	41	38	32	33	21	33	404
19:00	20	37	18	26	30	26	25	25	20	17	27	23	294
20:00	24	24	23	25	25	27	23	16	16	21	12	10	246
21:00	16	25	31	14	15	17	13	12	10	12	15	8	188
22:00	13	15	11	7	9	8	5	10	9	4	7	10	108
23:00	7	7	10	11	7	6	7	7	13	4	12	6	97

Daily Total: 5551

AM Peak Hour: 280 (10:45 - 11:45)

5.04% Of Daily Total

PM Peak Hour: 633 (16:40 - 17:40)

11.4% Of Daily Total

4th Highest Hour: 404 (18:00 - 19:00)

7.27% Of Daily Total

8th Highest Hour: 294 (19:00 - 20:00)

5.29% Of Daily Total

TRAFFIC SMITHY, INC
 1225 NW MURRAY BLVD SUITE 111
 PORTLAND, OR 97229
 Phone: 503-641-6333 Fax: 503-643-8866

Roadway: SR-502
 Location: WEST OF NE 50TH AVENUE

Date: 09/17/03
 Day of Week: Wednesday

EB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	7	1	5	5	5	6	5	6	6	2	5	6	59
01:00	4	6	4	1	2	1	0	0	2	2	0	2	24
02:00	2	3	1	1	0	3	2	4	3	1	3	3	26
03:00	3	0	2	0	2	2	2	2	0	1	4	2	20
04:00	1	2	0	0	2	3	5	0	0	1	2	0	16
05:00	2	2	3	0	2	2	3	2	6	3	15	7	47
06:00	9	8	14	10	5	18	8	15	22	18	22	13	162
07:00	9	10	21	12	22	18	18	27	18	23	18	18	214
08:00	19	15	30	20	15	12	22	23	16	21	26	30	249
09:00	21	24	21	14	12	15	13	9	19	14	24	27	213
10:00	17	22	27	30	14	26	20	16	21	19	18	23	253
11:00	30	17	24	26	33	22	24	16	25	24	18	21	280
12:00	20	27	33	32	27	25	36	27	25	25	20	20	317
13:00	32	35	33	24	24	27	24	22	29	33	29	31	343
14:00	30	19	34	19	19	28	30	27	35	41	28	34	344
15:00	30	43	41	32	45	50	43	57	52	35	41	46	515
16:00	44	45	38	41	41	47	47	44	49	62	45	49	552
17:00	51	48	51	60	57	51	58	52	49	39	50	47	613
18:00	42	46	30	41	24	34	39	46	39	26	33	22	422
19:00	33	27	29	18	31	29	21	33	17	25	21	22	306
20:00	26	29	20	25	23	24	30	17	19	20	15	8	256
21:00	17	23	27	19	14	11	23	13	12	7	15	9	190
22:00	12	17	8	14	3	12	8	8	9	4	6	10	111
23:00	5	9	9	11	7	10	2	11	8	10	10	8	100

Daily Total: 5632

AM Peak Hour: 282 (10:50 - 11:50)

5.00% Of Daily Total

PM Peak Hour: 633 (16:40 - 17:40)

11.2% Of Daily Total

4th Highest Hour: 422 (18:00 - 19:00)

7.49% Of Daily Total

8th Highest Hour: 306 (19:00 - 20:00)

5.43% Of Daily Total

TRAFFIC SMITHY, INC
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 PORTLAND, OR 97229
 Phone: 503-641-6333 Fax: 503-643-8866

Roadway: SR-502
 Location: WEST OF NE 50TH AVENUE

Date: 09/17/03
 Day of Week: Wednesday

WB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	2	4	3	2	1	0	4	5	1	1	1	2	26
01:00	1	0	3	3	3	0	4	1	2	0	5	1	23
02:00	1	1	4	1	1	5	2	1	2	1	2	4	25
03:00	1	9	1	1	2	0	4	3	2	3	6	7	39
04:00	5	6	9	7	7	3	5	5	10	11	5	10	83
05:00	10	22	26	31	24	48	30	31	29	40	33	44	368
06:00	41	46	52	61	42	47	53	50	35	47	46	49	569
07:00	37	35	39	44	35	32	71	43	36	42	33	18	465
08:00	41	42	34	40	46	28	34	24	35	31	33	17	405
09:00	19	32	32	41	35	15	31	39	26	27	31	25	353
10:00	34	20	27	15	27	14	21	28	29	18	33	36	302
11:00	30	33	35	21	33	26	26	27	29	22	20	29	331
12:00	28	22	34	23	18	22	14	30	32	24	12	26	285
13:00	26	27	20	27	25	27	21	22	25	19	29	19	287
14:00	21	19	24	17	32	35	40	39	31	28	26	34	346
15:00	26	19	26	21	24	19	22	33	20	27	22	21	280
16:00	29	20	34	23	31	34	26	13	24	15	33	21	303
17:00	24	28	40	30	27	18	34	29	31	24	21	21	327
18:00	24	14	26	20	24	25	20	27	19	13	26	21	259
19:00	15	21	18	8	16	7	17	9	9	11	17	12	160
20:00	11	19	19	9	5	6	10	18	2	16	12	9	136
21:00	9	13	11	12	12	5	15	11	4	21	5	8	126
22:00	7	10	6	4	10	6	9	4	2	3	1	4	66
23:00	6	2	6	4	2	5	4	2	2	5	2	4	44

Daily Total: 5608

AM Peak Hour: 569 (06:00 - 07:00)

10.1% Of Daily Total

PM Peak Hour: 357 (14:20 - 15:20)

6.36% Of Daily Total

4th Highest Hour: 368 (05:00 - 06:00)

6.56% Of Daily Total

8th Highest Hour: 327 (17:00 - 18:00)

5.83% Of Daily Total