

# Vehicle Turning Movement Survey With Classification

Major Route:3rd AvenueMinor Route:Ship Creek RoadMunicipality:Port Alberni

Filename: 4-3rd Ave @ Ship Creek Rd-Sep 28, 2017.xlsx

Location #: 4

Date: September 28, 2017

Day-of-week: Thursday

East/West Route: Ship Creek Road

Intersection Type: 4-leg Signalized?: No

Weather: Clear and dry

Vehicle Classifications: Regular Vehicles

Buses

Articulated Trucks
Cube Trucks
Dump Trucks
Emergency Trucks
Garbage Trucks
Logging Trucks

RVs

**Utility Trucks** 

| Shift | Start | End   | Duration |
|-------|-------|-------|----------|
| AM    | 7:00  | 12:00 | 5.00     |
| MD    | 12:00 | 15:00 | 3.00     |
| PM    |       |       |          |
| Total | 7:00  |       | 8.00     |

**Notes:** 24-hour clock used for reporting (15-minute increments)

North Approach - southbound vehicles approaching intersection from the north

15x4 - 15 min volume (from maximum 15 minute period of movement/approach in peak hour period [\*]) x 4

This data is for Regular Vehicles

Pedestrians - N indicates pedestrians crossing north approach (east/west)

#### **Comments:**



### Survey Data Regular Vehicles

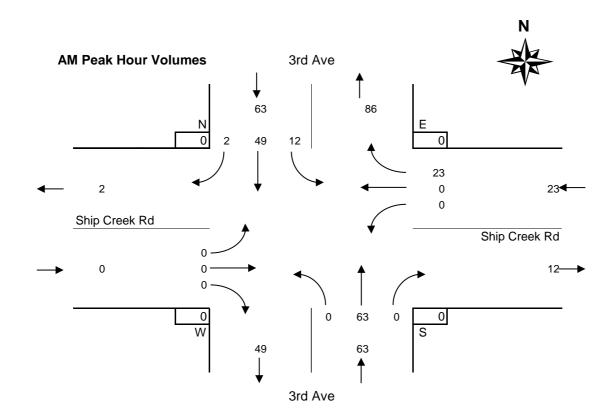
| Time           |         |        | Ave   |     |      |          | Ave    |           |        | _      | eek R  |        |        |      | reek R  |        |          |            |      |   |   |         |               |
|----------------|---------|--------|-------|-----|------|----------|--------|-----------|--------|--------|--------|--------|--------|------|---------|--------|----------|------------|------|---|---|---------|---------------|
| Period         |         |        | Appro |     |      |          | Appro  |           |        |        | \pproa |        |        |      | pproa   |        | Total V  | olume      | Peak |   |   | walks   |               |
| Begins         |         |        | Right |     | Left | Thru     | Right  | Total     | Left   | Thru   | Right  |        | Left   | Thru | Right   |        | 15-min   | Hour       | ď    | N | S | W       | E             |
| 7:00<br>7:15   | 4       | 1<br>3 | _     |     | 0    | 4<br>5   | 0      | 4<br>5    | 0      | 0      |        | 0      | 0      | 0    |         | 0      | 10<br>12 |            | Н    | 0 | 0 | 0       | 0             |
| 7:30           | 5       | 7      |       |     | 0    | 9        | 1      | 10        | 0      | 0      |        | 0      | 0      | 0    |         | 2      | 24       |            | Н    | 0 | 0 | 0       | 0             |
| 7:45           | 6       | 2      |       |     | 0    | 12       | 0      | 12        | 0      | 0      |        | 0      | 0      | 1    | 6       | 7      | 27       | 73         |      | 0 | 0 | 0       | 1             |
| 8:00           | 2       | 4      |       |     | 0    | 13       |        | 13        | 1      | 0      |        | 1      | 0      | 0    |         | 3      | 23       | 86         |      | 0 | 0 | 0       | 0             |
| 8:15           | 1       | 5      | 0     | 6   | 0    | 15       | 0      | 15        | 0      | 0      | 0      | 0      | 0      | 0    |         | 1      | 22       | 96         |      | 0 | 0 | 0       | 1             |
| 8:30           | 3       | 3      |       |     | 0    | 14       | 1      | 15        | 0      | 0      |        | 0      | 0      | 0    |         | 1      | 22       | 94         |      | 0 | 0 | 0       | 1             |
| 8:45           | 6       | 10     |       |     | 0    | 9        | 0      | 9         | 0      | 0      |        | 0      | 0      | 0    |         | 2      | 27       | 94         |      | 0 | 0 | 0       | 1             |
| 9:00           | 3       | 11     |       |     | 0    | 10       |        | 11        | 0      | 0      |        | 0      | 0      | 0    |         | 2      | 27       | 98         |      | 0 | 0 | 0       | 0             |
| 9:15<br>9:30   | 3       | 6<br>6 |       |     | 0    | 9        | 0      | 9         | 0      | 1<br>0 | 0      | 1      | 0      | 0    |         | 2<br>5 | 21<br>22 | 97<br>97   | Н    | 0 | 0 | 0       | 2             |
| 9:30           | 4       | 4      |       |     | 0    | 9        |        | 9         | 0      | 0      |        | 0      | 0      | 0    | 5       | 5<br>5 | 23       | 93         | Н    | 0 | 0 | 0       | 0             |
| 10:00          | 8       | 8      |       |     | 0    | 5        |        | 5         | 0      | 0      |        | 0      | 0      | 0    | 8       | 8      | 29       | 95         |      | 0 | 0 | 0       | 2             |
| 10:15          | 5       | 9      |       |     | 0    | 8        | 0      | 8         | 0      | 0      |        | 1      | 0      | 0    | 4       | 4      | 29       | 103        |      | 0 | 0 | 0       | 0             |
| 10:30          | 0       | 12     |       |     | 0    | 8        | 0      | 8         | 1      | 0      |        | 1      | 0      | 0    | 6       | 6      | 28       | 109        |      | 0 | 0 | 0       | 0             |
| 10:45          | 2       | 13     |       | 15  | 0    | 11       | 2      | 13        | 2      | 0      |        | 2      | 1      | 0    | 3       | 4      | 34       | 120        |      | 0 | 0 | 0       | 1             |
| 11:00          | 4       | 8      |       | _   | 0    | 14       | 0      | 14        | 0      | 0      |        | 0      | 0      | 0    | 6       | 6      | 33       | 124        |      | 0 | 0 | 0       | 0             |
| 11:15          | 0       | 12     |       |     | 0    | 15       |        | 15        | 0      | 0      |        | 0      | 0      | 0    |         | 8      | 35       | 130        |      | 0 | 0 | 0       | 0             |
| 11:30          | 1       | 12     |       |     | 0    | 13       | 0      | 13        | 0      | 0      |        | 0      | 0      | 0    |         | 4      | 31       | 133        | _    | 0 | 0 | 0       | 0             |
| 11:45<br>Total | 7<br>72 | 17     | 0     |     | 0    | 21       | 0      | 21<br>215 | 0      | 0      |        | 0      | 0      | 0    | 5<br>74 | 5      | 50       | 149        | +    | 0 | 0 |         | 9             |
| Total          | 72      | 153    | 7     | 232 | 0    | 210      | 5      | 215       | 4      | 1      | 1      | 6      | 1      | 1    | /4      | 76     | 529      |            |      | 0 | 0 | 0       | 9             |
| 12:00          | 8       | 7      | 0     | 15  | 0    | 12       | 1      | 13        | 0      | 0      | 0      | 0      | 0      | 0    | 6       | 6      | 34       |            |      | 0 | 0 | 0       | 0             |
| 12:15          | 7       | 7      |       |     | 0    | 6        | 0      | 6         | 0      | 0      |        | 0      | 0      | 0    |         |        | 23       |            |      | 0 | 0 | 0       | 1             |
| 12:30          | 2       | 11     | 0     | 13  | 0    | 13       | 0      | 13        | 1      | 0      | 0      | 1      | 0      | 0    |         | 5      | 32       |            |      | 0 | 0 | 0       | 0             |
| 12:45          | 5       | 13     |       |     | 0    | 8        | 1      | 9         | 0      | 0      |        | 0      | 0      | 0    |         | 3      | 30       | 119        |      | 0 | 0 | 0       | 0             |
| 13:00          | 5       | 14     |       |     | 0    | 7        | 1      | 8         | 0      | 0      |        | 0      | 1      | 0    |         | 3      | 30       | 115        |      | 0 | 0 | 0       | 0             |
| 13:15          | 2       | 17     | 0     |     | 0    | 13       |        | 14        | 0      | 0      |        | 0      | 0      | 0    |         | 4      | 37       | 129        |      | 0 | 0 | 0       | 0             |
| 13:30          | 7       | 10     |       |     | 0    | 9        | 0      | 9         | 0      | 0      |        | 0      | 0      | 0    |         | 5      | 31       | 128        |      | 0 | 0 | 0       | 1             |
| 13:45<br>14:00 | 3<br>7  | 9      |       |     | 0    | 11<br>11 | 1<br>0 | 12<br>11  | 1<br>0 | 0      |        | 1<br>0 | 0<br>1 | 0    |         | 2<br>5 | 27<br>27 | 125<br>122 |      | 0 | 0 | 0       | 0             |
| 14:15          | 6       | 15     |       |     | 0    | 11       | 1      | 12        | 0      | 0      |        | 0      | 1      | 0    |         | 13     | 46       | 131        | _    | 0 | 0 | 0       | 0             |
| 14:30          | 4       | 9      |       |     | 0    | 16       | 0      | 16        | 0      | 0      |        | 0      | 0      | 0    |         | 10     | 39       | 139        | *    | 0 | 0 | 0       | 0             |
| 14:45          | 3       | 16     |       |     | 0    | 11       | 0      | 11        | 0      | 1      | 0      | 1      | 0      | 0    |         | 8      | 39       | 151        | *    | 0 | 0 |         |               |
| n/a            |         |        |       |     |      |          |        |           |        |        |        |        |        |      |         |        |          |            |      |   |   |         |               |
| n/a            |         |        |       |     |      |          |        |           |        |        |        |        |        |      |         |        |          |            |      |   |   |         |               |
| n/a            |         |        |       |     |      |          |        |           |        |        |        |        |        |      |         |        |          |            | Ш    |   |   |         |               |
| n/a            |         | 400    |       | 400 |      | 400      |        | 40.4      |        |        | 0      |        |        |      | 00      |        | 225      |            | Ш    |   |   |         |               |
| Total          | 59      | 132    | 1     | 192 | 0    | 128      | 6      | 134       | 2      | 1      | 0      | 3      | 3      | 0    | 63      | 66     | 395      |            |      | 0 | 0 | 0       | 2             |
| n/a            |         |        |       |     |      |          |        |           |        |        |        |        |        |      |         |        |          |            |      |   |   |         |               |
| n/a            |         |        |       |     |      |          |        |           |        |        |        |        |        |      |         |        |          |            |      |   |   |         |               |
| n/a            |         |        |       |     |      |          |        |           |        |        |        |        |        |      |         |        |          |            |      |   |   |         |               |
| n/a            |         |        |       |     |      |          |        |           |        |        |        |        |        |      |         |        |          |            | Ц    |   |   | oxdot   | $\Box$        |
| n/a            |         |        |       |     |      |          |        |           |        |        |        |        |        |      |         |        |          |            | Ц    |   |   | <b></b> | igwdow        |
| n/a            |         |        |       |     |      |          |        |           |        |        |        |        |        |      |         |        |          |            | Н    |   |   |         |               |
| n/a<br>n/a     |         |        |       |     |      |          |        |           |        |        |        |        |        |      |         |        |          |            | Н    |   |   |         | $\overline{}$ |
| n/a            |         |        |       |     |      |          |        |           |        |        |        |        |        |      |         |        |          |            | Н    |   |   | -       |               |
| n/a            |         |        |       |     |      |          |        |           |        |        |        |        |        |      |         |        |          |            | H    |   |   |         |               |
| n/a            |         |        |       |     |      |          |        |           |        |        |        |        |        |      |         |        |          |            | П    |   |   |         |               |
| n/a            |         |        |       |     |      |          |        |           |        |        |        |        |        |      |         |        |          |            |      |   |   |         |               |
| n/a            |         |        |       |     |      |          |        |           |        |        |        |        |        |      |         |        |          |            | Ц    |   |   |         |               |
| n/a            |         |        |       |     |      |          |        |           |        |        |        |        |        |      |         |        |          |            | Ц    |   |   |         | igwdown       |
| n/a            |         |        |       |     |      |          |        |           |        |        |        |        |        |      |         |        |          |            | Н    |   |   |         |               |
| n/a            |         |        |       |     |      |          |        |           |        |        |        |        |        |      |         |        |          |            | Н    |   |   |         |               |
| n/a<br>n/a     |         |        |       |     |      |          |        |           |        |        |        |        |        |      |         |        |          |            | Н    |   |   |         | $\overline{}$ |
| n/a            |         |        |       |     |      |          |        |           |        |        |        |        |        |      |         |        |          |            | Н    |   |   | -       |               |
| n/a            |         |        |       |     |      |          |        |           |        |        |        |        |        |      |         |        |          |            | H    |   |   |         |               |
| Total          |         |        |       |     |      |          |        |           |        |        |        |        |        |      |         |        |          |            |      |   |   |         |               |
|                |         |        |       |     |      |          |        |           |        |        |        |        |        |      |         |        |          |            |      |   |   |         |               |



#### AM Peak Period Regular Vehicles

| Time          |       | 3rd   | Ave     |       |      | 3rd /  | Ave    |        | S    | hip Cre | eek R | .d    | S    | hip Cr | eek R | d     |          |         |     |       |       |     |        |       |
|---------------|-------|-------|---------|-------|------|--------|--------|--------|------|---------|-------|-------|------|--------|-------|-------|----------|---------|-----|-------|-------|-----|--------|-------|
| Period        | NO    | RTH / | Appro   | ach   | SO   | UTH A  | Approa | ach    | W    | EST A   | pproa | ach   | EA   | AST A  | pproa | ch    | Total Vo | olume 품 | (   | Cross | walks |     | Con    | flict |
| <b>Begins</b> | Left  | Thru  | Right   | Total | Left | Thru   | Right  | Total  | Left | Thru    | Right | Total | Left | Thru   | Right | Total | 15-min   | Hour 🖧  | N   | S     | W     | Е   | 15 min | Hr    |
| 7:00          | 4     | 1     | 0       |       | 0    | 4      | 0      | 4      | 0    | 0       | 0     | 0     |      | 0      | 1     | 1     | 10       |         | 0   | 0     | 0     | 0   | 9      |       |
| 7:15          | 4     | 3     | 0       |       | 0    | 5      | 0      | 5      | 0    | 0       | 0     | 0     |      | 0      | 0     | 0     |          |         | 0   | 0     | 0     | 0   | ,      |       |
| 7:30          | 5     | 7     | 0       |       | 0    | 9      | 1      | 10     | 0    | 0       | 0     | 0     |      | 0      | 2     | 2     |          |         | 0   | 0     | 0     | 0   |        |       |
| 7:45          | 6     | 2     | 0       |       | 0    | 12     | 0      | 12     | 0    | 0       | 0     | 0     | 0    | 1      | 6     | 7     |          | 73      | 0   | 0     | 0     | 1   | 25     | 60    |
| 8:00          | 2     | 4     | 0       |       | 0    | 13     | 0      | 13     | 1    | 0       | 0     | 1     | 0    | 0      | 3     | 3     |          | 86      | 0   | 0     | 0     | 0   |        | 70    |
| 8:15          | 1     | 5     | 0       |       | 0    | 15     | 0      | 15     | 0    | 0       | 0     | 0     |      | 0      | 1     | 1     | 22       | 96      | 0   | 0     | 0     | 1   | 17     | 78    |
| 8:30          | 3     |       | 0       |       | 0    | 14     | 1      | 15     | 0    | 0       | 0     | 0     |      | 0      | 1     | 1     | 22       | 94      | 0   | 0     | 0     | 1   | 19     | 80    |
| 8:45          | 6     | 10    | 0       |       | 0    | 9      | 0      | 9      | 0    | 0       | 0     | 0     |      | 0      | 2     | 2     |          | 94      | 0   | 0     | 0     | 1   | 17     | 72    |
| 9:00          | 3     | 11    | 0       | 14    | 0    | 10     | 1      | 11     | 0    | 0       | 0     | 0     | 0    | 0      | 2     | 2     |          | 98      | 0   | 0     | 0     | 0   |        | 69    |
| 9:15          | 3     | 6     | 0       |       | 0    | 9      | 0      | 9      | 0    | 1       | 0     | 1     | 0    | 0      | 2     | 2     |          | 97      | 0   | 0     | 0     | 2   | 14     | 66    |
| 9:30          | 4     | 6     | 1       | 11    | 0    | 6      | 0      | 6      | 0    | 0       | 0     | 0     |      | 0      | 5     | 5     |          | 97      | 0   | 0     | 0     | 0   |        | 62    |
| 9:45          | 4     | 4     | 1       | 9     | 0    | 9      | 0      | 9      | 0    | 0       | 0     | 0     |      | 0      | 5     | 5     |          | 93      | 0   | 0     | 0     | 0   |        | 63    |
| 10:00         | 8     | 8     | 0       |       | 0    | 5      | 0      | 5      | 0    | 0       | 0     | 0     | 0    | 0      | 8     | 8     |          | 95      | 0   | 0     | 0     | 2   | 21     | 68    |
| 10:15         | 5     | 9     | 2       | 16    | 0    | 8      | 0      | 8      | 0    | 0       | 1     | 1     | 0    | 0      | 4     | 4     |          | 103     | 0   | 0     | 0     | 0   | 17     | 71    |
| 10:30         | 0     | 12    | 1       | 13    | 0    | 8      | 0      | 8      | 1    | 0       | 0     | 1     | 0    | 0      | 6     | 6     |          | 109     | 0   | 0     | 0     | 0   | 20     | 76    |
| 10:45         | 2     | 13    | 0       |       | 0    | 11     | 2      | 13     | 2    | 0       | 0     | 2     |      | 0      | 3     | 4     |          | 120     | 0   | 0     | 0     | 1   | 20     | 78    |
| 11:00         | 4     | 8     | 1       | 13    | 0    | 14     | 0      | 14     | 0    | 0       | 0     | 0     |      | 0      | 6     | 6     |          | 124 *   | 0   | 0     | 0     | 0   | 24     | 81    |
| 11:15         | 0     | 12    | 0       |       | 0    | 15     | 0      | 15     | 0    | 0       | 0     | 0     |      | 0      | 8     | 8     |          | 130 *   | 0   | 0     | 0     | 0   | 23     | 87    |
| 11:30         | 1     | 12    | 1       | 14    | 0    | 13     | 0      | 13     | 0    | 0       | 0     | 0     |      | 0      | 4     | 4     |          | 133 *   | 0   | 0     | 0     | 0   |        | 85    |
| 11:45         | 7     | 17    | 0       | 24    | 0    | 21     | 0      | 21     | 0    | 0       | 0     | 0     | 0    | 0      | 5     | 5     | 50       | 149 +   | 0   | 0     | 0     | 0   | 33     | 98    |
|               |       |       |         |       |      |        |        |        |      |         |       |       |      |        |       |       |          |         |     |       |       |     | . –    |       |
| Total         | 72    | 153   | 7       | 232   | 0    | -      | 5      | 215    | 4    | 1       | 1     | 6     |      | 1      | 74    | 76    |          |         | 0   | 0     | 0     | 9   |        | 366   |
| Avg Hr        | 14    | 31    | 1       | 46    | 0    | 42     | 1      | 43     | 1    | 0       | 0     | 1     | 0    | 0      | 15    | 15    | 106      |         | 0   | 0     | 0     | 2   | i      |       |
|               |       |       |         |       |      |        |        |        |      |         |       |       |      |        |       |       |          |         |     |       |       |     |        |       |
| Peak h        | our o | f the | inters  | ectio | n    |        |        |        |      |         |       |       |      |        |       |       |          |         |     |       |       |     | _      |       |
| Pk Hr         | 12    | 49    | 2       | 63    | 0    |        | 0      | 63     | 0    | 0       | 0     | 0     |      | 0      | 23    | 23    | 149      | *       | 0   | 0     | 0     | 0   | ı L    | 98    |
| 15x4          | 28    | 68    | 4       | 96    | 0    | 84     | 0      | 84     | 0    | 0       | 0     | 0     | 0    | 0      | 32    | 32    | 200      | +       | 0   | 0     | 0     | 0   | ı L    | 144   |
| PHF           | 0.43  | 0.72  | 0.50    | 0.66  | n/a  | 0.75   | n/a    | 0.75   | n/a  | n/a     | n/a   | n/a   | n/a  | n/a    | 0.72  | 0.72  | 0.75     |         | n/a | n/a   | n/a   | n/a | ı      | 0.68  |
|               |       |       |         |       |      |        |        |        |      |         |       |       |      |        |       |       |          |         |     |       |       |     |        |       |
| Peak h        | our o | f con | flictin | g vol | umes | for th | e inte | ersect | ion  |         |       |       |      |        |       |       |          |         |     |       |       |     |        |       |
| Pk Hr         | 12    | 49    | 2       | 63    | 0    | 63     | 0      | 63     | 0    | 0       | 0     | 0     | 0    | 0      | 23    | 23    | 149      | •       | 0   | 0     | 0     | 0   | . [    | 98    |
| 15x4          | 28    | 68    | 4       | 96    | 0    | 84     | 0      | 84     | 0    | 0       | 0     | 0     | 0    | 0      | 32    | 32    | 200      | +       | 0   | 0     | 0     | 0   | . [    | 144   |
| PHF           | 0.43  | 0.72  | 0.50    | 0.66  | n/a  | 0.75   | n/a    | 0.75   | n/a  | n/a     | n/a   | n/a   | n/a  | n/a    | 0.72  | 0.72  | 0.75     |         | n/a | n/a   | n/a   | n/a |        | 0.68  |

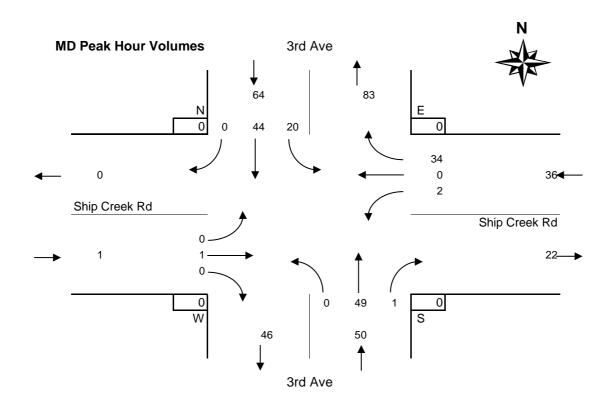
<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*





| Time   |       | 3rd   | Ave     |        |      | 3rd    | Ave    |       | S    | hip Cı | eek R  | :d   | S    | hip Cr | eek R | d     |                   |       |    |     |       |       |     |        |        |
|--------|-------|-------|---------|--------|------|--------|--------|-------|------|--------|--------|------|------|--------|-------|-------|-------------------|-------|----|-----|-------|-------|-----|--------|--------|
| Period | NO    | RTH / | Appro   | ach    | SO   | UTH A  | Approa | ach   | W    | EST A  | Approa | ach  | EA   | AST A  | pproa | ch    | Total V           | olume | ak | C   | cross | walks |     | Cor    | nflict |
| Begins | Left  | Thru  | Right   | Total  | Left |        | Right  |       | Left |        | Right  |      | Left | Thru   | Right | Total | Total V<br>15-min | Hour  | Pe | N   | S     | W     | Е   | 15 min | Hr     |
| 12:00  | 8     | 7     | 0       | 15     | 0    | 12     | 1      | 13    | 0    | 0      | 0      | 0    | 0    | 0      | 6     | 6     | 34                |       |    | 0   | 0     | 0     | 0   | 27     |        |
| 12:15  | 7     | 7     | 1       | 15     | 0    | 6      | 0      | 6     | 0    | 0      | 0      | 0    | 0    | 0      | 2     | 2     | 23                |       |    | 0   | 0     | 0     | 1   | 15     |        |
| 12:30  | 2     | 11    | 0       | 13     | 0    | 13     | 0      | 13    | 1    | 0      | 0      | 1    | 0    | 0      | 5     | 5     | 32                |       |    | 0   | 0     | 0     | 0   | 21     |        |
| 12:45  | 5     | 13    | 0       | 18     | 0    | 8      | 1      | 9     | 0    | 0      | 0      | 0    | 0    | 0      | 3     | 3     | 30                | 119   |    | 0   | 0     | 0     | 0   | 17     | 80     |
| 13:00  | 5     | 14    | 0       | 19     | 0    | 7      | 1      | 8     | 0    | 0      | 0      | 0    | 1    | 0      | 2     | 3     | 30                | 115   |    | 0   | 0     | 0     | 0   | 16     | 69     |
| 13:15  | 2     | 17    | 0       | 19     | 0    | 13     | 1      | 14    | 0    | 0      | 0      | 0    | 0    | 0      | 4     | 4     | 37                | 129   |    | 0   | 0     | 0     | 0   | 21     | 75     |
| 13:30  | 7     | 10    | 0       | 17     | 0    | 9      | 0      | 9     | 0    | 0      | 0      | 0    | 0    | 0      | 5     | 5     | 31                | 128   |    | 0   | 0     | 0     | 1   | 21     | 75     |
| 13:45  | 3     | 9     | 0       | 12     | 0    | 11     | 1      | 12    | 1    | 0      | 0      | 1    | 0    | 0      | 2     | 2     | 27                | 125   |    | 0   | 0     | 0     | 0   | 18     | 76     |
| 14:00  | 7     | 4     | 0       | 11     | 0    | 11     | 0      | 11    | 0    | 0      | 0      | 0    | 1    | 0      | 4     | 5     | 27                | 122   | *  | 0   | 0     | 0     | 0   | 22     | 82     |
| 14:15  | 6     | 15    | 0       | 21     | 0    | 11     | 1      | 12    | 0    | 0      | 0      | 0    | 1    | 0      | 12    | 13    | 46                | 131   | +  | 0   | 0     | 0     | 0   | 30     | 91     |
| 14:30  | 4     | 9     | 0       | 13     | 0    | 16     | 0      | 16    | 0    | 0      | 0      | 0    | 0    | 0      | 10    | 10    | 39                | 139   | *  | 0   | 0     | 0     | 0   | 30     | 100    |
| 14:45  | 3     | 16    | 0       | 19     | 0    | 11     | 0      | 11    | 0    | 1      | 0      | 1    | 0    | 0      | 8     | 8     | 39                | 151   | *  | 0   | 0     | 0     | 0   | 24     | 106    |
| n/a    |       |       |         |        |      |        |        |       |      |        |        |      |      |        |       |       |                   |       |    |     |       |       |     |        |        |
| n/a    |       |       |         |        |      |        |        |       |      |        |        |      |      |        |       |       |                   |       |    |     |       |       |     |        |        |
| n/a    |       |       |         |        |      |        |        |       |      |        |        |      |      |        |       |       |                   |       |    |     |       |       |     |        |        |
| n/a    |       |       |         |        |      |        |        |       |      |        |        |      |      |        |       |       |                   |       |    |     |       |       |     |        |        |
|        |       |       |         |        |      |        |        |       |      |        |        |      |      |        |       |       |                   |       |    |     |       |       |     |        |        |
| Total  | 59    | 132   | 1       | 192    | 0    | 128    | 6      | 134   | 2    | 1      | 0      | 3    | 3    | 0      | 63    | 66    | 395               |       |    | 0   | 0     | 0     | 2   |        | 258    |
| Avg Hr | 20    | 44    | 0       | 64     | 0    | 43     | 2      | 45    | 1    | 0      | 0      | 1    | 1    | 0      | 21    | 22    | 132               |       |    | 0   | 0     | 0     | 1   | _      |        |
| ,      |       |       |         |        |      |        |        |       |      |        |        |      |      |        |       |       |                   |       |    |     |       |       |     |        |        |
| Peak h | our o | f the | inters  | ectio  | n    |        |        |       |      |        |        |      |      |        |       |       |                   |       |    |     |       |       |     | _      |        |
| Pk Hr  | 20    | 44    | 0       | 64     | 0    | 49     | 1      | 50    | 0    | 1      | 0      | 1    | 2    | 0      | 34    | 36    | 151               | *     |    | 0   | 0     | 0     | 0   |        | 104    |
| 15x4   | 28    | 64    | 0       | 84     | 0    | 64     | 4      | 64    | 0    | 4      | 0      | 4    | 4    | 0      | 48    | 52    | 184               | +     |    | 0   | 0     | 0     | 0   |        | 144    |
| PHF    | 0.71  | 0.69  | n/a     | 0.76   | n/a  | 0.77   | 0.25   | 0.78  | n/a  | 0.25   | n/a    | 0.25 | 0.50 | n/a    | 0.71  | 0.69  | 0.82              |       |    | n/a | n/a   | n/a   | n/a |        | 0.72   |
|        |       |       |         |        |      |        |        |       |      |        |        |      |      |        |       |       |                   |       |    |     |       |       |     |        |        |
| Peak h | our o | f con | flictin | g volu | ımes | for th | e inte | rsect | ion  |        |        |      |      |        |       |       |                   |       |    |     |       |       |     | _      |        |
| Pk Hr  | 20    | 44    | 0       | 64     | 0    | 49     | 1      | 50    | 0    | 1      | 0      | 1    | 2    | 0      | 34    | 36    | 151               | *     |    | 0   | 0     | 0     | 0   |        | 104    |
| 15x4   | 28    | 64    | 0       | 84     | 0    | 64     | 4      | 64    | 0    | 4      | 0      | 4    | 4    | 0      | 48    | 52    | 184               | +     | Į  | 0   | 0     | 0     | 0   |        | 144    |
| PHF    | 0.71  | 0.69  | n/a     | 0.76   | n/a  | 0.77   | 0.25   | 0.78  | n/a  | 0.25   | n/a    | 0.25 | 0.50 | n/a    | 0.71  | 0.69  | 0.82              |       |    | n/a | n/a   | n/a   | n/a |        | 0.72   |

<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*

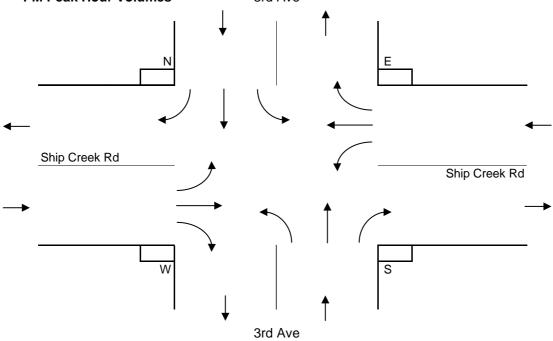




#### PM Peak Period Regular Vehicles

| Time          |       |       | Ave     |        |      |        | Ave     |        |      | hip Cı |        |       | S    | hip Cr | eek R | Rd    |                   |       |    |   |   |       |   |        |        |
|---------------|-------|-------|---------|--------|------|--------|---------|--------|------|--------|--------|-------|------|--------|-------|-------|-------------------|-------|----|---|---|-------|---|--------|--------|
| Period        | NO    | RTH.  | Appro   | ach    | SO   | UTH    | Appro   | ach    | W    | EST A  | Approa | ach   | E    | AST A  | pproa | ach   | Total V<br>15-min | olume | ak | ( |   | walks |   | Cor    | nflict |
| <b>Begins</b> | Left  | Thru  | Right   | Total  | Left | Thru   | Right   | Total  | Left | Thru   | Right  | Total | Left | Thru   | Right | Total | 15-min            | Hour  | Ье | Ν | S | W     | Е | 15 min | Hr     |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |       |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |       |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |       |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |       |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |       |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |       |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |       |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |       |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |       |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |       |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |       |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |       |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |       |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |       |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |       |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |       |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |       |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |       |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |       |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |       |   |        |        |
|               |       |       | •       | •      |      | •      | •       |        |      | •      |        |       | •    |        |       |       |                   |       |    |   | • |       |   |        |        |
| Total         |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       | ſ  |   |   |       |   | ĺ      | 0      |
| Avg Hr        |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       | Ī  |   |   |       |   | 1      |        |
|               |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   | •     | •  |   |   |       |   | •      |        |
| Peak h        | our o | f the | inters  | sectio | n    |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |       |   |        |        |
| Pk Hr         |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   | *     | ſ  |   |   |       |   | Ī      | 0      |
| 15x4          |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   | +     | l  |   |   |       |   | l I    | 0      |
| PHF           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       | l  |   |   |       |   | 1 1    | n/a    |
|               |       |       | -       |        |      | -      | -       |        |      | -      |        |       |      |        |       |       |                   | ı     | •  |   |   |       |   |        |        |
| Peak h        | our o | f con | flictin | ıg vol | umes | for th | ne inte | ersect | ion  |        |        |       |      |        |       |       |                   |       |    |   |   |       |   |        |        |
| Pk Hr         |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   | *     |    |   |   |       |   | [      | 0      |
| 15x4          |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   | +     |    |   |   |       |   |        | 0      |
| PHF           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   | •     |    |   |   |       |   |        | n/a    |
|               |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   | ı     |    |   |   |       |   |        |        |





Entire Survey Period 8 Hours

|        |      | 3rd   | Ave   |       |      | 3rd   | Ave   |       | S    | hip Cı | eek R  | ld    | S    | hip Cı | eek R | ld    |        | _ |   |
|--------|------|-------|-------|-------|------|-------|-------|-------|------|--------|--------|-------|------|--------|-------|-------|--------|---|---|
|        | NO   | RTH / | Appro | ach   | SO   | UTH / | Appro | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa | ich   | Total  |   |   |
|        | Left | Thru  | Right | Total | Left | Thru  | Right | Total | Left | Thru   | Right  | Total | Left | Thru   | Right | Total | Volume | Ī | N |
| Total  | 131  | 285   | 8     | 424   | 0    | 338   | 11    | 349   | 6    | 2      | 1      | 9     | 4    | 1      | 137   | 142   | 924    |   |   |
| Avg Hr | 16   | 36    | 1     | 53    | 0    | 42    | 1     | 44    | 1    | 0      | 0      | 1     | 1    | 0      | 17    | 18    | 116    | Ī |   |

| ( | Cross | walks | 3  |
|---|-------|-------|----|
| N | S     | W     | Е  |
| 0 | 0     | 0     | 11 |
| 0 | 0     | 0     | 1  |

AM Peak Period 5 Hours

|        |      | 3rd            | Ave   |       |      | 3rd   | Ave    |       | S    | hip Cı | reek R | ₹d    | S    | hip Cı | reek R | d     |        |  |
|--------|------|----------------|-------|-------|------|-------|--------|-------|------|--------|--------|-------|------|--------|--------|-------|--------|--|
|        | NO   | NORTH Approach |       |       | SO   | UTH A | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa  | ch    | Total  |  |
| Totals | Left | Thru           | Right | Total | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right  | Total | Volume |  |
| Period | 72   | 153            | 7     | 232   | 0    | 210   | 5      | 215   | 4    | 1      | 1      | 6     | 1    | 1      | 74     | 76    | 529    |  |
| Avg Hr | 14   | 31             | 1     | 46    | 0    | 42    | 1      | 43    | 1    | 0      | 0      | 1     | 0    | 0      | 15     | 15    | 106    |  |

| ( | Cross | walks | S |
|---|-------|-------|---|
| N | S     | W     | Е |
| 0 | 0     | 0     | 9 |
| 0 | 0     | 0     | 2 |

MD Peak Period 3 Hours

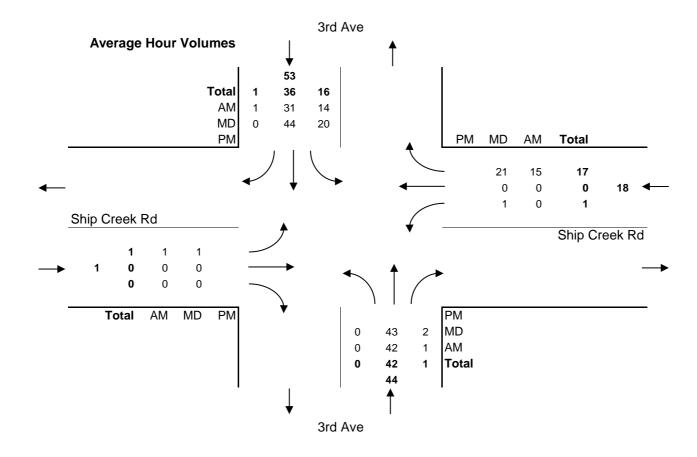
|        |      | 3rd            | Ave   |       |      | 3rd   | Ave    |       | S    | hip Cı | reek R | ld    | S    | hip Cı | eek R | ₹d    |        |  |
|--------|------|----------------|-------|-------|------|-------|--------|-------|------|--------|--------|-------|------|--------|-------|-------|--------|--|
|        | NO   | NORTH Approach |       |       | SO   | UTH A | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa | ach   | Total  |  |
| Totals | Left | Thru           | Right | Total | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right | Total | Volume |  |
| Total  | 59   | 132            | 1     | 192   | 0    | 128   | 6      | 134   | 2    | 1      | 0      | 3     | 3    | 0      | 63    | 66    | 395    |  |
| Avg Hr | 20   | 44             | 0     | 64    | 0    | 43    | 2      | 45    | 1    | 0      | 0      | 1     | 1    | 0      | 21    | 22    | 132    |  |

| ( | Cross | walks | 3 |
|---|-------|-------|---|
| N | S     | W     | Е |
| 0 | 0     | 0     | 2 |
| 0 | 0     | 0     | 1 |

PM Peak Period Hours

|        |      | 3rd              | Ave |  |      | 3rd   | Ave    |       | S    | hip Cı | eek R  | ₹d    | S    | hip Cı | eek R | ₹d    |        |  |
|--------|------|------------------|-----|--|------|-------|--------|-------|------|--------|--------|-------|------|--------|-------|-------|--------|--|
|        | NO   | NORTH Approach   |     |  |      | UTH / | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa | ach   | Total  |  |
| Totals | Left | t Thru Right Tot |     |  | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right | Total | Volume |  |
| Total  |      |                  |     |  |      |       |        |       |      |        |        |       |      |        |       |       |        |  |
| Avg Hr |      |                  |     |  |      |       |        |       |      |        |        |       |      |        |       |       |        |  |

| ( | Cross | walks | 6 |
|---|-------|-------|---|
| N | S     | W     | Е |
|   |       |       |   |
|   |       |       |   |





# Vehicle Turning Movement Survey With Classification

Major Route:3rd AvenueMinor Route:Ship Creek RoadMunicipality:Port Alberni

Filename: 4-3rd Ave @ Ship Creek Rd-Sep 28, 2017.xlsx

Location #: 4

Date: September 28, 2017

Day-of-week: Thursday

East/West Route: Ship Creek Road

Intersection Type: 4-leg Signalized?: No

Weather: Clear and dry

Vehicle Classifications: Regular Vehicles

Buses

Articulated Trucks
Cube Trucks
Dump Trucks
Emergency Trucks
Garbage Trucks
Logging Trucks

RVs

**Utility Trucks** 

| Shift | Start | End   | Duration |
|-------|-------|-------|----------|
| AM    | 7:00  | 12:00 | 5.00     |
| MD    | 12:00 | 15:00 | 3.00     |
| PM    |       |       |          |
| Total | 7:00  |       | 8.00     |

**Notes:** 24-hour clock used for reporting (15-minute increments)

North Approach - southbound vehicles approaching intersection from the north

15x4 - 15 min volume (from maximum 15 minute period of movement/approach in peak hour period [\*]) x 4

This data is for Buses

Pedestrians - N indicates pedestrians crossing north approach (east/west)

#### Comments:



#### Survey Data Buses

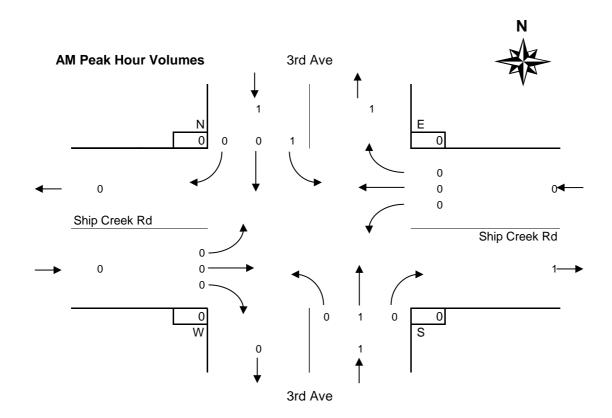
| Time           |           | 3rd       |       |   |           | 3rd       |         |         |           |           | reek R  |         |               |           | reek F |   |                    |        |                      |                   |            |        |     |
|----------------|-----------|-----------|-------|---|-----------|-----------|---------|---------|-----------|-----------|---------|---------|---------------|-----------|--------|---|--------------------|--------|----------------------|-------------------|------------|--------|-----|
| Period         |           |           | Appro |   |           |           | Appro   |         |           |           | Approa  |         |               |           | pproa  |   | Total V            | olume  | Peak                 |                   | 0 1        | 101    | _   |
| Begins<br>7:00 | Left<br>0 | Thru<br>0 | )     |   | Left<br>0 | Thru<br>0 | Right 0 | Total 0 | Left<br>0 | Thru<br>0 | Right 0 | Total 0 | Left<br>0     | Thru<br>0 |        |   | 15-min<br><b>0</b> | Hour   | Д                    | N<br>0            | <b>S</b> 0 | W<br>0 | E 0 |
| 7:00           | 1         | 0         |       |   | 0         | 1         | 0       | 1       | 0         | 0         |         | 0       | 0             |           |        | _ | 2                  |        |                      | 0                 | 0          | 0      | 0   |
| 7:30           | 0         | 0         | 0     |   | 0         | 0         | 0       | 0       | 0         | 0         |         | 0       | 0             |           |        |   | 0                  |        |                      | 0                 | 0          | 0      | 0   |
| 7:45           | 0         | 0         | 0     | 0 | 0         | 2         | 0       | 2       | 0         | 0         | 0       | 0       | 0             | 0         | 0      | 0 | 2                  | 4      |                      | 0                 | 0          | 0      | 0   |
| 8:00           | 1         | 0         | 0     |   | 0         | 1         | 0       | 1       | 0         | 0         |         | 0       | 0             |           |        |   | 2                  | 6      |                      | 0                 | 0          | 0      | 0   |
| 8:15           | 0         | 0         | 0     |   | 0         | 0         | 0       | 0       | 0         | 0         |         | 0       | 0             |           |        |   | 0                  | 4      |                      | 0                 | 0          | 0      | 0   |
| 8:30<br>8:45   | 0<br>1    | 1<br>0    | 0     |   | 0         | 0         | 0       | 0       | 0<br>0    | 0         |         | 0       | 0             |           |        |   | 1                  | 5<br>5 |                      | 0                 | 0          | 0      | 0   |
| 9:00           | 1         | 0         | 0     |   | 0         | 0         | 0       | 0       | 0         | 0         |         | 0       | <u>0</u><br>1 |           |        |   | 2                  | 5      |                      | 0                 | 0          | 0      | 0   |
| 9:15           | 1         | 0         | 0     | 1 | 0         | 0         | 1       | 1       | 0         | 0         |         | 0       | 0             |           |        |   | 3                  | 8      | _                    | 0                 | 0          | 0      | 0   |
| 9:30           | 0         | 0         | 0     | 0 | 0         | 1         | 0       | 1       | 0         | 0         | 0       | 0       | 0             | 0         | 0      | 0 | 1                  | 8      |                      | 0                 | 0          | 0      | 0   |
| 9:45           | 0         | 0         |       |   | 0         | 0         | 0       | 0       | 0         | 0         |         | 0       | 0             |           |        |   | 0                  | 6      | _                    | 0                 | 0          | 0      | 0   |
| 10:00          | 1         | 0         | 0     | 1 | 0         | 1         | 0       | 1       | 0         | 0         |         | 0       | 0             |           |        |   | 2                  | 6      |                      | 0                 | 0          | 0      | 0   |
| 10:15          | 0         | 0         | 0     | 0 | 0         | 0         | 0       | 0       | 0<br>0    | 0         |         | 0       | 0             |           |        |   | 0                  | 3<br>2 |                      | 0                 | 0          | 0      | 0   |
| 10:30          | 1         | 0         | 0     | 1 | 0         | 1         | 0       | 1       | 0         | 0         |         | 0       | 0             |           |        |   | 2                  | 4      | -                    | 0                 | 0          | 0      | 0   |
| 11:00          | 0         | 0         | 0     | 0 |           | 0         | 0       | 0       | 0         | 0         |         | 0       | 0             |           |        |   | 0                  | 2      |                      | 0                 | 0          | 0      | 0   |
| 11:15          | 0         | 0         | 0     |   | 0         | 0         | 0       | 0       | 0         | 0         |         | 0       | 0             |           |        |   | 0                  | 2      |                      | 0                 | 0          | 0      | 0   |
| 11:30          | 1         | 0         |       |   | 0         | 1         | 0       | 1       | 0         | 0         |         | 0       | 0             |           |        | _ | 2                  | 4      |                      | 0                 | 0          | 0      | 0   |
| 11:45          | 0         | 0         |       |   |           | 0         | 0       | 0       | 0         | 0         |         | 0       | 0             |           |        |   | 0                  | 2      | +                    | 0                 | 0          | 0      |     |
| Total          | 8         | 1         | 0     | 9 | 0         | 9         | 1       | 10      | 0         | 0         | 0       | 0       | 1             | 0         | 1      | 2 | 21                 |        |                      | 0                 | 0          | 0      | 0   |
| 12:00          | 1         | 0         | 0     | 1 | 0         | 0         | 0       | 0       | 0         | 0         | 0       | 0       | 0             | 0         | 0      | 0 | 1                  |        | П                    | 0                 | 0          | 0      | 0   |
| 12:15          | 0         | 0         | 0     |   |           | 1         | 0       | 1       | 0         | 0         |         | 0       | 0             |           | 0      | 0 | 1                  |        |                      | 0                 | 0          | 0      | 0   |
| 12:30          | 0         | 0         |       |   |           | 0         |         | 0       | 0         | 0         |         | 0       | 0             |           |        |   | 0                  |        |                      | 0                 | 0          | 0      |     |
| 12:45          | 1         | 0         | 0     |   | 0         | 1         | 0       | 1       | 0         | 0         |         | 0       | 0             |           |        | _ | 2                  | 4      |                      | 0                 | 0          | 0      | 0   |
| 13:00<br>13:15 | 0         | 0<br>1    | 0     |   | 0         | 0         | 0       | 0       | 0<br>0    | 0         |         | 0       | 0             |           |        |   | <u>0</u>           | 3      |                      | 0                 | 0          | 0      | 0   |
| 13:30          | 0         | 0         | 0     |   |           | 1         | 0       | 1       | 0         | 0         |         | 0       | 0             |           |        |   | 1                  | 4      |                      | 0                 | 0          | 0      | 0   |
| 13:45          | 0         | 0         | 0     |   | 0         | 0         | 0       | 0       | 0         | 0         |         | 0       | 0             |           |        |   | 0                  | 2      |                      | 0                 | 0          | 0      | 0   |
| 14:00          | 1         | 0         |       | 1 | 0         | 1         | 0       | 1       | 0         | 0         | 0       | 0       | 0             | 0         | 0      | 0 | 2                  | 4      |                      | 0                 | 0          | 0      | 0   |
| 14:15          | 0         | 0         |       | 0 |           | 0         | 0       | 0       | 0         | 0         |         | 0       | 0             |           |        | _ | 0                  | 3      |                      | 0                 | 0          | 0      | 0   |
| 14:30          | 0         | 0         |       |   |           | 0         | 0       | 0       | 0         | 0         |         | 0       | 0             |           |        |   | 0                  | 2      |                      | 0                 | 0          | 0      | 0   |
| 14:45<br>n/a   | 0         | 0         | 0     | 0 | 0         | 1         | 0       | 1       | 0         | 0         | 0       | 0       | 0             | 0         | 0      | 0 | 1                  | 3      | H                    | 0                 | 0          | 0      | 0   |
| n/a            |           |           |       |   |           |           |         |         |           |           |         |         |               |           |        |   |                    |        |                      | $\rightarrow$     |            |        |     |
| n/a            |           |           |       |   |           |           |         |         |           |           |         |         |               |           |        |   |                    |        |                      |                   |            |        |     |
| n/a            |           |           |       |   |           |           |         |         |           |           |         |         |               |           |        |   |                    |        |                      |                   |            |        |     |
| Total          | 3         | 1         | 0     | 4 | 0         | 5         | 0       | 5       | 0         | 0         | 0       | 0       | 0             | 0         | 0      | 0 | 9                  |        |                      | 0                 | 0          | 0      | 0   |
| n/a            |           |           |       |   |           |           |         |         |           |           |         |         |               |           | l      |   |                    |        |                      | $\overline{}$     |            |        |     |
| n/a            |           |           |       |   |           |           |         |         |           |           |         |         |               |           |        |   |                    |        |                      |                   |            |        |     |
| n/a            |           |           |       |   |           |           |         |         |           |           |         |         |               |           |        |   |                    |        | Ц                    | 二丁                |            |        |     |
| n/a            |           |           |       |   |           |           |         |         |           |           |         |         |               |           |        |   |                    |        | ${oldsymbol{arphi}}$ |                   |            |        |     |
| n/a<br>n/a     |           |           |       |   |           |           |         |         |           |           |         |         |               |           |        |   |                    |        | Н                    | $\longrightarrow$ |            |        |     |
| n/a            |           |           |       |   |           |           |         |         |           |           |         |         |               |           |        |   |                    |        | H                    | $\dashv$          |            |        |     |
| n/a            |           |           |       |   |           |           |         |         |           |           |         |         |               |           |        |   |                    |        | Ħ                    |                   |            |        |     |
| n/a            |           |           |       |   |           |           |         |         |           |           |         |         |               |           |        |   |                    |        |                      |                   |            |        |     |
| n/a            |           |           |       |   |           |           |         |         |           |           |         |         |               |           |        |   |                    |        | Ц                    |                   |            |        |     |
| n/a            |           |           |       |   |           |           |         |         |           |           |         |         |               |           |        |   |                    |        | H                    | $\longrightarrow$ |            |        |     |
| n/a<br>n/a     |           |           |       |   |           |           |         |         |           |           |         |         |               |           |        |   |                    |        | H                    |                   |            |        |     |
| n/a            |           |           |       |   |           |           |         |         |           |           |         |         |               |           |        |   |                    |        | H                    | $\dashv$          | $\dashv$   |        |     |
| n/a            |           |           |       |   |           |           |         |         |           |           |         |         |               |           |        |   |                    |        | Ц                    |                   |            |        |     |
| n/a            |           |           |       |   |           |           |         |         |           |           |         |         |               |           |        |   |                    |        | П                    |                   |            |        |     |
| n/a            |           |           |       |   |           |           |         |         |           |           |         |         |               |           |        |   |                    |        | Ц                    | $\longrightarrow$ |            |        |     |
| n/a            |           |           |       |   |           |           |         |         |           |           |         |         |               |           |        |   |                    |        | Н                    | $\longrightarrow$ |            |        |     |
| n/a<br>n/a     |           |           |       |   |           |           |         |         |           |           |         |         |               |           |        |   |                    |        | Н                    | -+                |            |        |     |
| Total          |           |           |       |   |           |           |         |         |           |           |         |         |               |           |        |   |                    |        | H                    |                   |            |        |     |
|                |           |           |       |   |           |           |         |         |           |           |         |         |               |           |        |   |                    |        |                      |                   |            |        |     |



## AM Peak Period Buses

| Time          |       | 3rd   | Ave     |        |      | 3rd    | Ave    |        |      | hip Cr |       |       |      |       | eek Ro |       |          |          |     |     |     |     |          |       |
|---------------|-------|-------|---------|--------|------|--------|--------|--------|------|--------|-------|-------|------|-------|--------|-------|----------|----------|-----|-----|-----|-----|----------|-------|
| Period        | NO    | RTH   | Appro   | ach    | SO   | UTH A  | Appro  | ach    | W    | EST A  |       |       | EA   | AST A | pproac |       | Total Vo | olume र् |     |     |     |     | Con      | flict |
| <b>Begins</b> | Left  | Thru  | Right   | Total  | Left | Thru   | Right  | Total  | Left | Thru   | Right | Total | Left | Thru  | Right  | Total | 15-min   | Hour d   | N   | S   | W   | Е   | 15 min   | Hr    |
| 7:00          | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     | -    | 0     | 0      | 0     | _        |          | 0   | 0   | 0   | 0   | 0        |       |
| 7:15          | 1     | 0     | 0       |        | 0    | 1      | 0      | 1      | 0    | 0      | 0     | 0     |      | 0     | 0      | 0     |          |          | 0   | 0   | 0   | 0   | 2        |       |
| 7:30          | 0     | 0     | 0       |        | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     |      | 0     | 0      | 0     |          |          | 0   | 0   | 0   | 0   |          |       |
| 7:45          | 0     | 0     | 0       | 0      | 0    | 2      | 0      | 2      | 0    | 0      | 0     | 0     |      | 0     | 0      | 0     |          | 4        | 0   | 0   | 0   | 0   |          | 4     |
| 8:00          | 1     | 0     | 0       |        | 0    | 1      | 0      | 1      | 0    | 0      | 0     | 0     |      | 0     | 0      | 0     |          | 6        | 0   | 0   | 0   | 0   |          | 6     |
| 8:15          | 0     | 0     |         |        | 0    | 0      | 0      | 0      | 0    |        | 0     | 0     |      | 0     | 0      | 0     |          | 4        | 0   |     | 0   | 0   | 0        | 4     |
| 8:30          | 0     | 1     | 0       | 1      | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     | 0    | 0     | 0      | 0     |          | 5        | 0   | 0   | 0   | 0   | 1        | 5     |
| 8:45          | 1     | 0     | 0       |        | 0    | 1      | 0      | 1      | 0    | 0      | 0     | 0     |      | 0     | 0      | 0     |          | 5        | 0   | 0   | 0   | 0   | 2        | 5     |
| 9:00          | 1     | 0     | 0       |        | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     |      | 0     | 0      | 1     | 2        | 5        | 0   | 0   | 0   | 0   | 2        | 5     |
| 9:15          | 1     | 0     | 0       |        | 0    | 0      | 1      | 1      | 0    | 0      | 0     | 0     | -    | 0     | 1      | 1     |          | 8        | 0   | 0   | 0   | 0   | 3        | 8     |
| 9:30          | 0     | 0     | 0       | -      | 0    | 1      | 0      | 1      | 0    | 0      | 0     | 0     | _    | 0     | 0      | 0     |          | 8        | 0   | 0   | 0   | 0   | 1        | 8     |
| 9:45          | 0     | 0     | 0       |        | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     |      | 0     | 0      | 0     |          | 6        | 0   | 0   | 0   | 0   | 0        | 6     |
| 10:00         | 1     | 0     | 0       |        | 0    | 1      | 0      | 1      | 0    | 0      | 0     | 0     |      | 0     | 0      | 0     |          | 6        | 0   | 0   | 0   | 0   | 2        | 6     |
| 10:15         | 0     | 0     |         |        | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     |      | 0     | 0      | 0     | _        | 3        | 0   | 0   | 0   | 0   | 0        | 3     |
| 10:30         | 0     | 0     |         | -      | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     |      | 0     | 0      | 0     | _        | 2        | 0   | 0   | 0   | 0   | 0        | 2     |
| 10:45         | 1     | 0     |         |        | 0    | 1      | 0      | 1      | 0    | 0      | 0     | 0     |      | 0     | 0      | 0     |          | 4        | 0   | 0   | 0   | 0   | 2        | 4     |
| 11:00         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     | 0    | 0     | 0      | 0     | 0        | 2 *      | 0   | 0   | 0   | 0   | 0        | 2     |
| 11:15         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     | 0    | 0     | 0      | 0     |          | 2 *      | 0   | 0   | 0   | 0   | 0        | 2     |
| 11:30         | 1     | 0     | 0       |        | 0    | 1      | 0      | 1      | 0    | 0      | 0     | 0     |      | 0     | 0      | 0     |          | 4 *      | 0   | 0   | 0   | 0   | 2        | 4     |
| 11:45         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     | 0    | 0     | 0      | 0     | 0        | 2 +      | 0   | 0   | 0   | 0   | 0        | 2     |
| Total         | 8     | 1     | 0       | 9      | 0    | 9      | 1      | 10     | 0    | 0      | 0     | 0     | 1    | 0     | 1      | 2     | 21       |          | 0   | 0   | 0   | 0   | Г        | 19    |
| Avg Hr        | 2     | 0     | 0       |        | 0    | 2      | 0      | 2      | 0    |        | 0     | 0     |      | 0     | 0      | 0     |          |          | 0   |     |     | 0   |          | 13    |
|               |       |       |         |        | •    | •      |        |        |      |        |       |       |      |       |        |       | ,        |          |     |     | •   |     | l        |       |
| Peak h        | our o | f the | inters  | ectio  | n    |        |        |        |      |        |       |       |      |       |        |       |          |          |     |     |     |     | _        |       |
| Pk Hr         | 1     | 0     | 0       | 1      | 0    | 1      | 0      | 1      | 0    | 0      | 0     | 0     |      | 0     | 0      | 0     | 2        | *        | 0   | 0   | 0   | 0   |          | 2     |
| 15x4          | 4     | 0     | 0       | 4      | 0    | 4      | 0      | 4      | 0    | 0      | 0     | 0     | 0    | 0     | 0      | 0     | 8        | +        | 0   | 0   | 0   | 0   |          | 8     |
| PHF           | 0.25  | n/a   | n/a     | 0.25   | n/a  | 0.25   | n/a    | 0.25   | n/a  | n/a    | n/a   | n/a   | n/a  | n/a   | n/a    | n/a   | 0.25     |          | n/a | n/a | n/a | n/a |          | 0.25  |
| Peak h        | our o | f con | flictin | a voli | umes | for th | e inte | ersect | ion  |        |       |       |      |       |        |       |          |          |     |     |     |     |          |       |
| Pk Hr         | 1     | 0     | 0       | _      | 0    | 1      | 0      | 1      | 0    | 0      | 0     | 0     | 0    | 0     | 0      | 0     | 2        | *        | 0   | 0   | 0   | 0   |          | 2     |
| 15x4          | 4     | 0     | 0       |        | 0    | 4      | 0      | 4      | 0    | 0      | 0     | 0     |      | 0     | 0      | 0     |          | +        | 0   |     | 0   | 0   | <u> </u> | 8     |
| PHF           | 0.25  | n/a   | n/a     |        | n/a  | 0.25   | n/a    | 0.25   | n/a  | n/a    | n/a   | n/a   | n/a  | n/a   | n/a    | n/a   | 0.25     |          | n/a | n/a | n/a | n/a |          | 0.25  |
|               |       |       |         |        |      |        |        |        |      |        |       |       |      |       |        |       |          |          |     |     |     |     | _        |       |

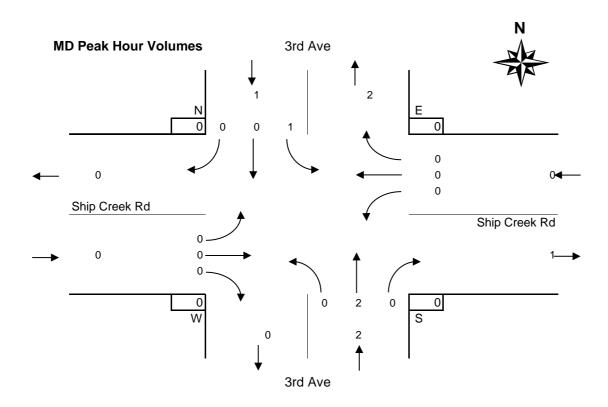
<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*





| Time          |       | 3rd   | Ave     |        |      | 3rd    | Ave    |        | S    | hip C | reek R | ld    | S    | hip Cr | eek R | ₹d    |                   |        |    |     |     |     |     |        |        |
|---------------|-------|-------|---------|--------|------|--------|--------|--------|------|-------|--------|-------|------|--------|-------|-------|-------------------|--------|----|-----|-----|-----|-----|--------|--------|
| Period        | NO    | RTH   | Appro   | ach    | SO   | UTH /  | Approa | ach    | W    | EST / | Approa | ach   | E    | AST A  | pproa | ach   | Total V<br>15-min | 'olume | ak |     |     |     |     | Cor    | nflict |
| <b>Begins</b> | Left  | Thru  | Right   | Total  | Left | Thru   | Right  | Total  | Left | Thru  | Right  | Total | Left | Thru   | Right | Total | 15-min            | Hour   | Pe | N   | S   | W   | Е   | 15 min | Hr     |
| 12:00         | 1     | 0     | 0       | 1      | 0    | 0      | 0      | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 1                 |        | П  | 0   | 0   | 0   | 0   | 1      |        |
| 12:15         | 0     | 0     | 0       | 0      | 0    | 1      | 0      | 1      | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 1                 |        |    | 0   | 0   | 0   | 0   | 1      |        |
| 12:30         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 |        |    | 0   | 0   | 0   | 0   | 0      |        |
| 12:45         | 1     | 0     | 0       | 1      | 0    | 1      | 0      | 1      | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 2                 | 4      |    | 0   | 0   | 0   | 0   | 2      | 4      |
| 13:00         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 3      |    | 0   | 0   | 0   | 0   | 0      | 3      |
| 13:15         | 0     | 1     | 0       | 1      | 0    | 0      | 0      | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 1                 | 3      |    | 0   | 0   | 0   | 0   | 1      | 3      |
| 13:30         | 0     | 0     | 0       | 0      | 0    | 1      | 0      | 1      | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 1                 | 4      |    | 0   | 0   | 0   | 0   | 1      | 4      |
| 13:45         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 2      |    | 0   | 0   | 0   | 0   | 0      | 2      |
| 14:00         | 1     | 0     | 0       | 1      | 0    | 1      | 0      | 1      | 0    | 0     | 0      | 0     |      |        | 0     | 0     | 2                 | 4      | *  | 0   | 0   | 0   | 0   | 2      | 4      |
| 14:15         | 0     | 0     | 0       |        | 0    | 0      | 0      | 0      | 0    | 0     | 0      |       |      |        | 0     | 0     | 0                 | 3      | +  | 0   | 0   | 0   | 0   | 0      | 3      |
| 14:30         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 2      | *  | 0   | 0   | 0   | 0   | 0      | 2      |
| 14:45         | 0     | 0     | 0       | 0      | 0    | 1      | 0      | 1      | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 1                 | 3      | *  | 0   | 0   | 0   | 0   | 1      | 3      |
| n/a           |       |       |         |        |      |        |        |        |      |       |        |       |      |        |       |       |                   |        |    |     |     |     |     |        |        |
| n/a           |       |       |         |        |      |        |        |        |      |       |        |       |      |        |       |       |                   |        |    |     |     |     |     |        |        |
| n/a           |       |       |         |        |      |        |        |        |      |       |        |       |      |        |       |       |                   |        |    |     |     |     |     |        |        |
| n/a           |       |       |         |        |      |        |        |        |      |       |        |       |      |        |       |       |                   |        |    |     |     |     |     |        |        |
|               |       |       |         |        |      |        |        |        |      |       |        |       |      |        |       |       |                   | -      | _  |     |     |     |     |        |        |
| Total         | 3     | 1     | 0       | 4      | 0    | 5      | 0      | 5      | 0    | 0     |        | 0     | 0    | 0      | 0     | 0     | 9                 |        |    | 0   | 0   | 0   | 0   | i L    | 8      |
| Avg Hr        | 1     | 0     | 0       | 1      | 0    | 2      | 0      | 2      | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 3                 |        |    | 0   | 0   | 0   | 0   | l      |        |
|               |       |       |         |        |      |        |        |        |      |       |        |       |      |        |       |       |                   |        |    |     |     |     |     |        |        |
| Peak h        | our c | f the | inters  | ectio  | n    |        |        |        |      |       |        |       |      |        |       |       |                   | •      | _  |     |     |     |     |        |        |
| Pk Hr         | 1     | 0     | 0       | 1      | 0    |        | 0      | 2      | 0    |       |        | 0     | 0    | 0      | 0     | 0     | 3                 | *      |    | 0   | 0   | 0   | 0   | i      | 3      |
| 15x4          | 4     | 0     | 0       | 4      | 0    | 4      | 0      | 4      | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 8                 | +      |    | 0   | 0   | 0   | 0   | i L    | 8      |
| PHF           | 0.25  | n/a   | n/a     | 0.25   | n/a  | 0.50   | n/a    | 0.50   | n/a  | n/a   | n/a    | n/a   | n/a  | n/a    | n/a   | n/a   | 0.38              |        |    | n/a | n/a | n/a | n/a | i L    | 0.38   |
|               |       |       |         |        |      |        |        |        |      |       |        |       |      |        |       |       |                   |        |    |     |     |     |     |        |        |
| Peak h        | our c | f con | flictin | g volu | umes | for th | e inte | ersect | ion  |       |        |       |      |        |       |       |                   | -      |    |     |     |     |     |        |        |
| Pk Hr         | 1     | 0     | 0       | 1      | 0    | 2      | 0      | 2      | 0    |       |        | 0     |      | 0      | 0     | 0     |                   | *      |    | 0   | 0   | 0   | 0   |        | 3      |
| 15x4          | 4     | 0     | 0       | 4      | 0    | 4      | 0      | 4      | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 8                 | +      |    | 0   | 0   | 0   | 0   |        | 8      |
| PHF           | 0.25  | n/a   | n/a     | 0.25   | n/a  | 0.50   | n/a    | 0.50   | n/a  | n/a   | n/a    | n/a   | n/a  | n/a    | n/a   | n/a   | 0.38              |        |    | n/a | n/a | n/a | n/a |        | 0.38   |

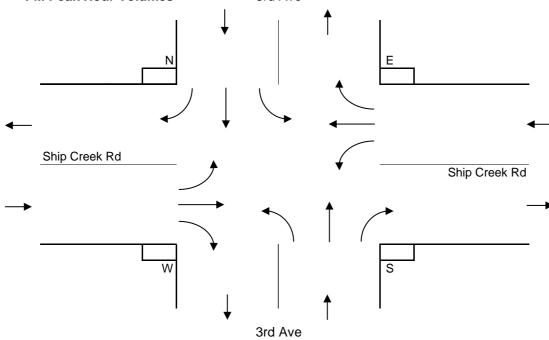
<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*



## PM Peak Period Buses

| Time   |       |       | Ave     |        |      |          | Ave     |        |      |       | reek F |       |      | hip Cı |       |       |                   |       |    |   |   |   |   |        |        |
|--------|-------|-------|---------|--------|------|----------|---------|--------|------|-------|--------|-------|------|--------|-------|-------|-------------------|-------|----|---|---|---|---|--------|--------|
| Period | NO    | RTH.  | Appro   | ach    | SO   | UTH.     | Appro   | ach    | W    | EST A | Approa | ach   | E    | AST A  | pproa | ach   | Total V           | olume | ak |   |   |   |   | Cor    | nflict |
| Begins |       | Thru  | Right   | Total  | Left | Thru     | Right   | Total  | Left | Thru  | Right  | Total | Left | Thru   | Right | Total | Total V<br>15-min | Hour  | Pe | N | S | W | Е | 15 min | Hr     |
| n/a    |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
|        |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       | •                 |       |    |   |   |   |   |        |        |
| Total  |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        | 0      |
| Avg Hr |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
|        |       |       | _       | _      |      |          |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| Peak h | our o | f the | inters  | ectio  | n    |          |         |        |      |       |        |       |      |        |       |       |                   | Ī     |    |   |   |   |   |        |        |
| Pk Hr  |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   | *     |    |   |   |   |   |        | 0      |
| 15x4   |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   | +     |    |   |   |   |   |        | 0      |
| PHF    |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        | n/a    |
| D      |       |       | a: - 4: |        |      | <b>.</b> | •       |        | •    |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| Peak h | our o | τ con | TIICTIN | ig vol | umes | tor th   | ne inte | ersect | ion  |       |        |       |      |        |       |       |                   | l.    | j  |   |   |   |   | ı r    |        |
| Pk Hr  |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   | *     |    |   |   |   |   |        | 0      |
| 15x4   |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   | +     |    |   |   |   |   |        | 0      |
| PHF    |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        | n/a    |
|        |       |       |         |        |      |          |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |





Entire Survey Period 8 Hours

|        |      | 3rd   | Ave   |       |      | 3rd   | Ave   |       | S    | hip Cı | eek R  | ld    | S    | hip Cı | eek R | ld    |        |  |
|--------|------|-------|-------|-------|------|-------|-------|-------|------|--------|--------|-------|------|--------|-------|-------|--------|--|
|        | NO   | RTH / | Appro | ach   | SO   | UTH A | Appro | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa | ich   | Total  |  |
|        | Left | Thru  | Right | Total | Left | Thru  | Right | Total | Left | Thru   | Right  | Total | Left | Thru   | Right | Total | Volume |  |
| Total  | 11   | 2     | 0     | 13    | 0    | 14    | 1     | 15    | 0    | 0      | 0      | 0     | 1    | 0      | 1     | 2     | 30     |  |
| Avg Hr | 1    | 0     | 0     | 2     | 0    | 2     | 0     | 2     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 4      |  |

| N | S | W | Е |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

AM Peak Period 5 Hours

|        |      | 3rd   | Ave   |       |      | 3rd   | Ave    |       | S    | hip Cı | eek R  | ld    | S    | hip Cr | eek R | ld    |        |  |
|--------|------|-------|-------|-------|------|-------|--------|-------|------|--------|--------|-------|------|--------|-------|-------|--------|--|
|        | NO   | RTH / | Appro | ach   | SO   | UTH A | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa | ch    | Total  |  |
| Totals | Left | Thru  | Right | Total | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right | Total | Volume |  |
| Period | 8    | 1     | 0     | 9     | 0    | 9     | 1      | 10    | 0    | 0      | 0      | 0     | 1    | 0      | 1     | 2     | 21     |  |
| Avg Hr | 2    | 0     | 0     | 2     | 0    | 2     | 0      | 2     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 4      |  |

| N | S | W | ш |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

MD Peak Period 3 Hours

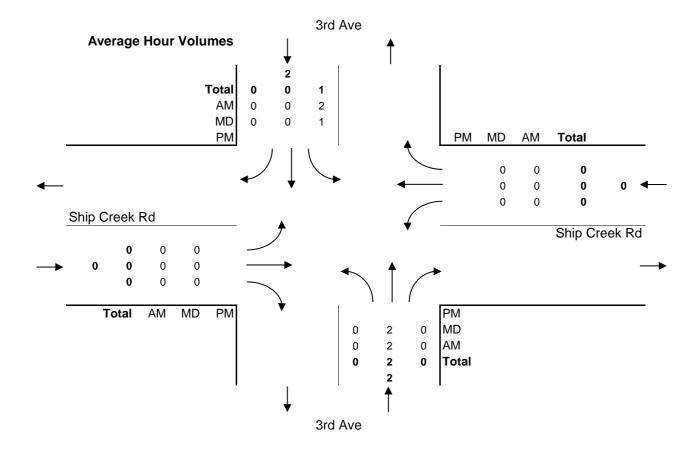
|        |      | 3rd   | Ave   |       |      | 3rd   | Ave    |       | S    | hip Cı | eek R  | ld    | S    | hip Cı | reek R | ld    |        |
|--------|------|-------|-------|-------|------|-------|--------|-------|------|--------|--------|-------|------|--------|--------|-------|--------|
|        | NO   | RTH / | Appro | ach   | SO   | UTH A | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa  | ch    | Total  |
| Totals | Left | Thru  | Right | Total | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right  | Total | Volume |
| Total  | 3    | 1     | 0     | 4     | 0    | 5     | 0      | 5     | 0    | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 9      |
| Avg Hr | 1    | 0     | 0     | 1     | 0    | 2     | 0      | 2     | 0    | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 3      |

| N | S | W | Е |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

PM Peak Period Hours

|        |  | 3rd  | Ave   |       |      | 3rd   | Ave    |       | S    | hip Cı | eek R  | ld    | S    | hip Cı | eek R | ld    |        |  |
|--------|--|------|-------|-------|------|-------|--------|-------|------|--------|--------|-------|------|--------|-------|-------|--------|--|
|        | NORTH Approach  Left   Thru   Right   Tota |      |       | ach   | SO   | UTH / | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa | ich   | Total  |  |
| Totals | Left                                       | Thru | Right | Total | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right | Total | Volume |  |
| Total  |  |      |       |       |      |       |        |       |      |        |        |       |      |        |       |       |        |  |
| Avg Hr |  |      |       |       |      |       |        |       |      |        |        |       |      |        |       |       |        |  |

| N | S | W | Е |
|---|---|---|---|
|   |   |   |   |
|   |   |   |   |







# Vehicle Turning Movement Survey With Classification

Major Route:3rd AvenueMinor Route:Ship Creek RoadMunicipality:Port Alberni

Filename: 4-3rd Ave @ Ship Creek Rd-Sep 28, 2017.xlsx

Location #: 4

Date: September 28, 2017

Day-of-week: Thursday

East/West Route: Ship Creek Road

Intersection Type: 4-leg
Signalized?: No

Weather: Clear and dry

Vehicle Classifications: Regular Vehicles

Buses

Articulated Trucks
Cube Trucks
Dump Trucks
Emergency Trucks
Garbage Trucks
Logging Trucks

RVs

**Utility Trucks** 

| Shift | Start | End   | Duration |
|-------|-------|-------|----------|
| AM    | 7:00  | 12:00 | 5.00     |
| MD    | 12:00 | 15:00 | 3.00     |
| PM    |       |       |          |
| Total | 7:00  |       | 8.00     |

**Notes:** 24-hour clock used for reporting (15-minute increments)

North Approach - southbound vehicles approaching intersection from the north

15x4 - 15 min volume (from maximum 15 minute period of movement/approach in peak hour period [\*]) x 4

This data is for Articulated Trucks

Pedestrians - N indicates pedestrians crossing north approach (east/west)

#### **Comments:**



### Survey Data Articulated Trucks

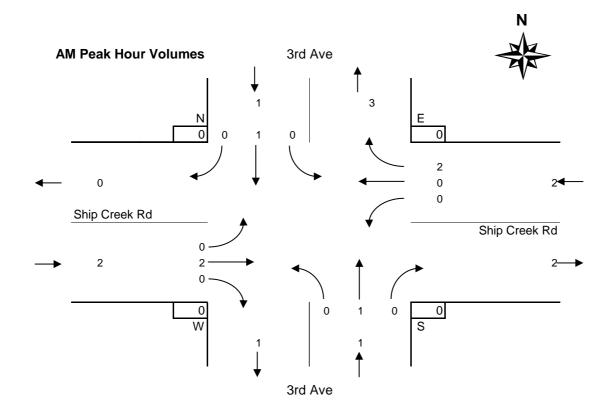
| Time           |           |           | Ave     |         |           |        | Ave     |                 |           |           | eek R   |        |           |               | reek F  |        |                   |        |          |        |                   |                   |          |
|----------------|-----------|-----------|---------|---------|-----------|--------|---------|-----------------|-----------|-----------|---------|--------|-----------|---------------|---------|--------|-------------------|--------|----------|--------|-------------------|-------------------|----------|
| Period         |           |           | Appro   |         |           |        | Appro   |                 |           |           | Approa  |        |           |               | pproa   |        | Total V<br>15-min |        | Peak     | N I    | s                 | 14/               | _        |
| Begins<br>7:00 | Left<br>0 | Thru<br>0 | Right 0 | Total 0 | Left<br>0 | Thru 0 | Right 0 | 1 otal <b>0</b> | Left<br>0 | Thru<br>1 | Right 0 | 1 otal | Left<br>0 | Thru<br>0     | Right 0 |        | 15-min<br>1       | Hour   | Д        | N<br>0 | 0                 | W<br>0            | E 0      |
| 7:15           | 0         | 0         | 0       | 0       | 0         | 0      |         | 0               | 0         | 0         |         | 0      | 0         | 1             | 0       |        | 1                 |        |          | 0      | 0                 | 0                 | 0        |
| 7:30           | 0         | 0         | 0       | 0       | 0         | 0      |         | 0               | 0         | 0         |         | 0      | 0         | 1             | 0       |        | 1                 |        |          | 0      | 0                 | 0                 | 0        |
| 7:45           | 0         | 0         | 0       | 0       | 0         | 0      |         | 0               | 0         | 1         |         | 1      | 0         | 0             |         |        | 1                 | 4      |          | 0      | 0                 | 0                 | 0        |
| 8:00           | 0         | 0         | 0       | 0       | 0         | 0      |         | 0               | 0         | 0         |         | 0      | 0         | 0             |         |        | 0                 | 3      | -        | 0      | 0                 | 0                 | 0        |
| 8:15           | 0         | 0         | 0       | 0       | 0         | 0      |         | 0               | 0         | 1         |         | 1      | 0         | 0             |         |        | 1                 | 3      | _        | 0      | 0                 | 0                 | 0        |
| 8:30<br>8:45   | 0<br>1    | 0         | 0       | 0       | 0         | 0      |         | 0               | 0         | 0         |         | 0      | 0         | 1<br>0        | 0       |        | 1                 | 3      | _        | 0      | 0                 | 0                 | 0        |
| 9:00           | 1         | 0         | 0       | 1       | 0         | 0      |         | 0               | 0         | 0         |         | 0      | 0         | 0             |         |        | 2                 | 5      | -        | 0      | 0                 | 0                 | 0        |
| 9:15           | 0         | 0         | 0       | 0       | 0         | 0      |         | 0               | 0         | 0         |         | 0      | 0         | 0             |         |        | 0                 | 4      | $\vdash$ | 0      | 0                 | 0                 | 0        |
| 9:30           | 1         | 0         | 0       | 1       | 0         | 0      |         | 0               | 0         | 0         |         | 0      | 0         | 0             |         |        | 1                 | 4      |          | 0      | 0                 | 0                 | 0        |
| 9:45           | 0         | 0         | 0       | 0       | 0         | 0      |         | 0               | 0         | 1         | _       | 1      | 0         | 0             |         |        | 1                 | 4      |          | 0      | 0                 | 0                 | 0        |
| 10:00          | 1         | 2         | 0       | 3       | 0         | 0      |         | 0               | 0         | 0         |         | 0      | 0         | 0             |         |        | 3                 | 5      |          | 0      | 0                 | 0                 | 0        |
| 10:15          | 0         | 0         | 0       | 0       | 0         | 0      | _       | 0               | 0         | 0         |         | 0      | 0         | 1             | 1       | 2      |                   | 7      |          | 0      | 0                 | 0                 | 0        |
| 10:30          | 0         | 0         | 0       | 0       | 0         | 1      | 0       | 1               | 0         | 0         |         | 0      | 0         | <u>0</u><br>1 | 0       |        | 1 2               | 8      |          | 0      | 0                 | 0                 | 0        |
| 11:00          | 0         | 1         | 0       | 1       | 0         | 0      |         | 0               | 0         | 1         | 0       | 1      | 0         | 0             |         |        | 2                 | 7      | _        | 0      | 0                 | 0                 | 0        |
| 11:15          | 0         | 0         | 0       | 0       | 0         | 0      |         | 0               | 0         | 1         |         | 1      | 0         | 0             |         | 1      | 2                 | 7      | -        | 0      | 0                 | 0                 | 0        |
| 11:30          | 0         | 0         | 0       | 0       | 0         | 0      |         | 0               | 0         | 0         | 0       | 0      | 0         | 0             | 1       | 1      | 1                 | •      | *        | 0      | 0                 | 0                 | 0        |
| 11:45          | 0         | 0         | 0       | 0       | 0         | 1      | 0       | 1               | 0         | 0         |         | 0      | 0         | 0             |         |        | 1                 | 6      | +        | 0      | 0                 | 0                 | 0        |
| Total          | 4         | 3         | 0       | 7       | 0         | 3      | 0       | 3               | 0         | 6         | 0       | 6      | 0         | 5             | 4       | 9      | 25                |        |          | 0      | 0                 | 0                 | 0        |
| 12:00          | 0         | 0         | 0       | 0       | 0         | 0      | 0       | 0               | 0         | 0         | 0       | 0      | 0         | 1             | 1       | 2      | 2                 |        | П        | 0      | 0                 | 0                 | 0        |
| 12:15          | 0         | 0         | 0       | 0       | 0         | 0      |         | 0               | 0         | 0         |         | 0      | 0         | 0             |         |        | 0                 |        |          | 0      | 0                 | 0                 | 0        |
| 12:30          | 1         | 0         | 1       | 2       | 0         | 0      |         | 0               | 0         | 0         |         | 0      | 0         | 0             |         |        | 2                 |        |          | 0      | 0                 | 0                 | 0        |
| 12:45          | 0         | 0         | 0       | 0       | 0         | 0      |         | 0               | 0         | 0         |         | 0      | 0         | 0             |         |        | 0                 | 4      | -        | 0      | 0                 | 0                 | 0        |
| 13:00<br>13:15 | 0         | 0         | 0       | 0       | 0         | 0<br>2 |         | 0<br>2          | 0         | 0         |         | 0      | 0         | 0             |         | 0<br>1 | 3                 | 2<br>5 | -        | 0      | 0                 | 0                 | 0        |
| 13:30          | 0         | 0         | 0       | 0       | 0         | 0      |         | 0               | 0         | 0         |         | 0      | 0         | 0             |         |        | 0                 | 3      | _        | 0      | 0                 | 0                 | 0        |
| 13:45          | 1         | 1         | 0       | 2       | 0         | 0      | _       | 0               | 0         | 0         |         | 0      | 0         | 0             |         |        | 2                 | 5      | _        | 0      | 0                 | 0                 | 0        |
| 14:00          | 0         | 1         | 0       | 1       | 0         | 1      | 0       | 1               | 0         | 1         | 0       | 1      | 0         | 0             | 0       | 0      | 3                 | 8      | *        | 0      | 0                 | 0                 | 0        |
| 14:15          | 0         | 1         | 0       | 1       | 0         | 1      | 0       | 1               | 0         | 0         |         | 0      | 0         | 0             |         | 0      | 2                 |        | +        | 0      | 0                 | 0                 | 0        |
| 14:30          | 0         | 0         | 0       | 0       | 0         | 0      |         | 0               | 0         | 0         |         | 0      | 0         | 0             |         |        | 2                 | 9      |          | 0      | 0                 | 0                 | 0        |
| 14:45<br>n/a   | 1         | 0         | 0       | 1       | 0         | 0      | 0       | 0               | 0         | 0         | 0       | 0      | 0         | 0             | 1       | 1      | 2                 | 9      | Ĥ        | 0      | 0                 | 0                 | 0        |
| n/a            |           |           |         |         |           |        |         |                 |           |           |         |        |           |               |         |        |                   |        |          |        | $\dashv$          |                   | =        |
| n/a            |           |           |         |         |           |        |         |                 |           |           |         |        |           |               |         |        |                   |        |          |        |                   |                   |          |
| n/a            |           |           |         |         |           |        |         |                 |           |           |         |        |           |               |         |        |                   |        |          |        |                   |                   |          |
| Total          | 3         | 3         | 1       | 7       | 0         | 4      | 0       | 4               | 0         | 1         | 0       | 1      | 0         | 1             | 5       | 6      | 18                |        |          | 0      | 0                 | 0                 | 0        |
| n/a            |           |           |         |         |           |        |         |                 |           |           |         |        |           |               |         |        |                   |        | П        | Ī      |                   | <del></del>       |          |
| n/a            |           |           |         |         |           |        |         |                 |           |           |         |        |           |               |         |        |                   |        |          |        |                   |                   |          |
| n/a            |           |           |         |         |           |        |         |                 |           |           |         |        |           |               |         |        |                   |        |          |        |                   |                   |          |
| n/a            |           |           |         |         |           |        |         |                 |           |           |         |        |           |               |         |        |                   |        | Ц        |        |                   |                   |          |
| n/a<br>n/a     |           |           |         |         |           |        |         |                 |           |           |         |        |           |               |         |        |                   |        | Н        |        | $\rightarrow$     | $\longrightarrow$ | $\dashv$ |
| n/a            |           |           |         |         |           |        |         |                 |           |           |         |        |           |               |         |        |                   |        | H        |        | -+                | $\dashv$          | $\dashv$ |
| n/a            |           |           |         |         |           |        |         |                 |           |           |         |        |           |               |         |        |                   |        | H        |        |                   | $\longrightarrow$ | =        |
| n/a            |           |           |         |         |           | L      |         |                 |           |           |         |        |           |               |         |        |                   |        | П        |        |                   |                   |          |
| n/a            |           |           |         |         |           |        |         |                 |           |           |         |        |           |               |         |        |                   |        |          |        |                   |                   |          |
| n/a            |           |           |         |         |           |        |         |                 |           |           |         |        |           |               |         |        |                   |        | Ц        |        |                   | ]                 | ]        |
| n/a            |           |           |         |         |           |        |         |                 |           |           |         |        |           |               |         |        |                   |        | Н        |        | $\longrightarrow$ |                   |          |
| n/a<br>n/a     |           |           |         |         |           |        |         |                 |           |           |         |        |           |               |         |        |                   |        | Н        |        | $\dashv$          | $\dashv$          | $\dashv$ |
| n/a            |           |           |         |         |           |        |         |                 |           |           |         |        |           |               |         |        |                   |        | H        |        |                   | $\longrightarrow$ | $\dashv$ |
| n/a            |           |           |         |         |           |        |         |                 |           |           |         |        |           |               |         |        |                   |        | П        |        |                   |                   |          |
| n/a            |           |           |         |         |           |        |         |                 |           |           |         |        |           |               |         |        |                   |        |          |        |                   |                   |          |
| n/a            |           |           |         |         |           |        |         |                 |           |           |         |        |           |               |         |        |                   |        | Ц        |        | 二丁                |                   |          |
| n/a            |           |           |         |         |           |        |         |                 |           |           |         |        |           |               |         |        |                   |        | Н        |        |                   |                   |          |
| n/a<br>Total   |           |           |         |         |           |        |         |                 |           |           |         |        |           |               |         |        |                   |        | Н        |        |                   |                   |          |
| Total          |           |           |         |         |           |        |         |                 |           |           |         |        |           |               |         |        |                   |        |          |        |                   |                   |          |



#### AM Peak Period Articulated Trucks

| Time          |       | 3rd   | Ave      |       |      | 3rd      | Ave   |        | S    | hip Cr | eek F  | ₹d    | SI   | nip Cr | eek R | d     |         |            |     |     |     |     |        |        |
|---------------|-------|-------|----------|-------|------|----------|-------|--------|------|--------|--------|-------|------|--------|-------|-------|---------|------------|-----|-----|-----|-----|--------|--------|
| Period        | NO    | RTH   | Appro    | ach   | SO   | UTH A    | Appro | ach    | W    | EST A  | Approa | ach   | EA   | AST A  | pproa | ch    | Total V | olume Hour | מא  |     |     |     | Cor    | nflict |
| <b>Begins</b> | Left  | Thru  | Right    | Total | Left | Thru     | Right | Total  | Left | Thru   | Right  | Total | Left | Thru   | Right | Total | 15-min  | Hour       | N   | S   | W   | Е   | 15 min | Hr     |
| 7:00          | 0     | 0     | 0        | 0     | 0    | 0        | 0     | 0      | 0    | 1      | 0      | 1     | 0    | 0      | 0     | 0     | 1       |            | 0   | 0   | 0   | 0   | 1      |        |
| 7:15          | 0     | 0     | 0        | 0     | 0    | 0        | 0     | 0      | 0    | 0      | 0      | 0     | 0    | 1      | 0     | 1     | 1       |            | 0   | 0   | 0   | 0   | 1      |        |
| 7:30          | 0     | 0     | 0        | 0     | 0    | 0        | 0     | 0      | 0    | 0      | 0      | 0     | 0    | 1      | 0     | 1     | 1       |            | 0   | 0   | 0   | 0   | 1      |        |
| 7:45          | 0     | 0     | 0        | 0     | 0    | 0        | 0     | 0      | 0    | 1      | 0      | 1     | 0    | 0      | 0     | 0     | 1       | 4          | 0   | 0   | 0   | 0   | 1      | 4      |
| 8:00          | 0     | 0     | 0        | 0     | 0    | 0        | 0     | 0      | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0       | 3          | 0   | 0   | 0   | 0   | 0      | 3      |
| 8:15          | 0     | 0     | 0        | _     | 0    | 0        | 0     | 0      | 0    | 1      | 0      | 1     | 0    | 0      | 0     | 0     | 1       | 3          | 0   | 0   | 0   | 0   | 1      | 3      |
| 8:30          | 0     | 0     | 0        | 0     | 0    | 0        | 0     | 0      | 0    | 0      | 0      | 0     | 0    | 1      | 0     | 1     | 1       | 3          | 0   | 0   | 0   | 0   | 1      | 3      |
| 8:45          | 1     | 0     | 0        | 1     | 0    | 0        | 0     | 0      | 0    | 0      | 0      |       | 0    | 0      | 0     | 0     |         | 3          | 0   | 0   | 0   | 0   | 1      | 3      |
| 9:00          | 1     | 0     | 0        |       | 0    | 0        | 0     | 0      | 0    |        | 0      |       | 0    | 0      |       | 1     |         | 5          | 0   | 0   | 0   | 0   | 2      | 5      |
| 9:15          | 0     | 0     | 0        |       | 0    | 0        | 0     | 0      | 0    |        | 0      |       |      | 0      |       | 0     |         | 4          | 0   | 0   | 0   | 0   | 0      | 4      |
| 9:30          | 1     | 0     |          | 1     | 0    | 0        | 0     | 0      | 0    | 0      | 0      |       | 0    | 0      | -     | 0     | 1       | 4          | 0   | 0   | 0   | 0   | 1      | 4      |
| 9:45          | 0     | 0     | 0        |       | 0    | 0        | 0     | _      | 0    | 1      | 0      |       | 0    | 0      |       | 0     |         | 4          | 0   | 0   | 0   | 0   | 1      | 4      |
| 10:00         | 1     | 2     | 0        | _     | 0    | 0        | 0     | 0      | 0    | 0      | 0      |       | 0    | 0      | 0     | 0     | _       | 5          | 0   | 0   | 0   | 0   | 2      | 4      |
| 10:15         | 0     | 0     | 0        |       | 0    | 0        | 0     | 0      | 0    | 0      | 0      |       | 0    | 1      | 1     | 2     | 2       | 7          | 0   | 0   | 0   | 0   | 2      | 6      |
| 10:30         | 0     | 0     | 0        |       | 0    | 1        | 0     | 1      | 0    |        | 0      |       | 0    | 0      |       | 0     | -       | 7          | 0   | 0   | 0   | 0   | 1      | 6      |
| 10:45         | 0     | 0     | 0        |       | 0    | 1        | 0     | 1      | 0    | 0      | 0      |       | 0    | 1      | 0     | 1     |         | 8          | 0   | 0   | 0   | 0   | 2      | 7      |
| 11:00         | 0     | 1     | 0        |       | 0    | 0        | 0     | 0      | 0    | 1      | 0      |       | 0    | 0      | 0     | 0     |         | 7 *        | 0   | 0   | 0   | 0   | 2      | 7      |
| 11:15         | 0     | 0     |          |       | 0    | 0        | 0     | 0      | 0    | 1      | 0      | 1     | 0    | 0      | 1     | 1     | 2       | 7 *        | 0   | 0   | 0   | 0   | 1      | 6      |
| 11:30         | 0     | 0     | 0        |       | 0    | 0        | 0     | 0      | 0    | 0      | 0      |       | _    | 0      | 1     | 1     |         | 7 *        | 0   | 0   | 0   | 0   | 1      | 6      |
| 11:45         | 0     | 0     | 0        | 0     | 0    | 1        | 0     | 1      | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 1       | 6 -        | . 0 | 0   | 0   | 0   | 1      | 5      |
|               |       |       |          |       |      |          |       |        |      |        |        |       |      |        |       |       |         |            |     |     |     |     |        |        |
| Total         | 4     | 3     | 0        | 7     | 0    | 3        | 0     | 3      | 0    | 6      | 0      | 6     |      | 5      | 4     | 9     |         |            | 0   | 0   | 0   | 0   |        | 16     |
| Avg Hr        | 1     | 1     | 0        | 1     | 0    | 1        | 0     | 1      | 0    | 1      | 0      | 1     | 0    | 1      | 1     | 2     | 5       |            | 0   | 0   | 0   | 0   |        |        |
|               |       |       |          |       |      |          |       |        |      |        |        |       |      |        |       |       |         |            |     |     |     |     |        |        |
| Peak h        | our o | f the | inters   | ectio | n    |          |       |        |      |        |        |       |      |        |       |       |         |            |     |     |     |     |        |        |
| Pk Hr         | 0     | 1     | 0        | 1     | 0    | 1        | 0     | 1      | 0    | 2      | 0      | 2     | 0    | 0      | 2     | 2     | 6       | *          | 0   | 0   | 0   | 0   |        | 3      |
| 15x4          | 0     | 4     | 0        | 4     | 0    | 4        | 0     | 4      | 0    | 4      | 0      | 4     | 0    | 0      | 4     | 4     | 8       | +          | 0   | 0   | 0   | 0   |        | 8      |
| PHF           | n/a   | 0.25  | n/a      | 0.25  | n/a  | 0.25     | n/a   | 0.25   | n/a  | 0.50   | n/a    | 0.50  | n/a  | n/a    | 0.50  | 0.50  | 0.75    |            | n/a | n/a | n/a | n/a |        | 0.38   |
| Dool le       |       | •     | £1! ~ 4! |       |      | £ = 4 l= | - !   |        |      |        |        |       |      |        |       |       |         |            |     |     |     |     |        |        |
| Peak h        |       | con   |          |       |      |          |       | ersect |      | _      |        |       | اء   | _      | اء    | -     |         |            |     |     | ٥   |     | Г      | 6      |
| Pk Hr         | 0     | 1     | 0        |       | 0    | 1        | 0     | 1      | 0    |        | 0      |       | 0    | 0      |       | 2     |         | •          | 0   | _   |     | 0   |        | 3      |
| 15x4          | 0     | 4     | 0        |       | 0    | 4        | 0     | 4      | 0    |        | 0      |       | 0    | 0      |       | 4     | Ū       | +          | 0   | _   | 0   | 0   |        | 8      |
| PHF           | n/a   | 0.25  | n/a      | 0.25  | n/a  | 0.25     | n/a   | 0.25   | n/a  | 0.50   | n/a    | 0.50  | n/a  | n/a    | 0.50  | 0.50  | 0.75    |            | n/a | n/a | n/a | n/a | l L    | 0.38   |

<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*

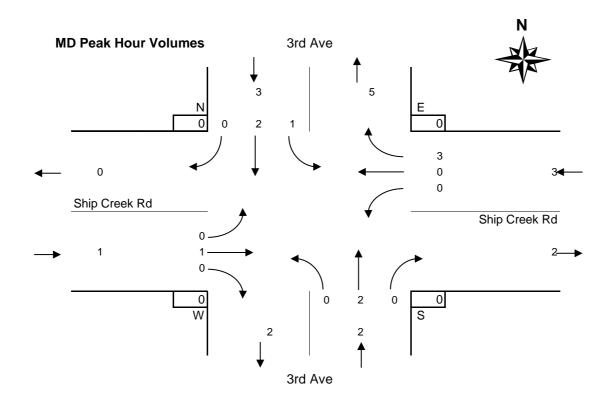




#### **MD Peak Period** Articulated Trucks

| Time   |       | 3rd   |         |             |      | 3rd    | Ave    |        | S    | hip C | reek R | .d    | S    | hip Cr | eek R | Rd    |                   |       |    |     |     |     |     |        |        |
|--|-------|-------|---------|-------------|------|--------|--------|--------|------|-------|--------|-------|------|--------|-------|-------|-------------------|-------|----|-----|-----|-----|-----|--------|--------|
| Period                                       | NO    | RTH / | Appro   | ach         | SO   | UTH A  | Approa | ach    | W    | EST A | Approa | ach   | E    | AST A  | pproa | ach   | Total V<br>15-min | olume | ak |     |     |     |     | Cor    | nflict |
| <b>Begins</b>                                | Left  | Thru  | Right   | Total       | Left |        | Right  |        | Left | Thru  | Right  | Total | Left | Thru   | Right | Total | 15-min            | Hour  | Pe | N   | S   | W   | Е   | 15 min | Hr     |
| 12:00  | 0     | 0     | 0       | 0           | 0    | 0      | 0      | 0      | 0    | 0     | 0      | 0     | 0    | 1      | 1     | 2     | 2                 |       |    | 0   | 0   | 0   | 0   | 2      |        |
| 12:15  | 0     | 0     | 0       | 0           | 0    | 0      | 0      | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 |       |    | 0   | 0   | 0   | 0   | 0      |        |
| 12:30  | 1     | 0     | 1       | 2           | 0    | 0      | 0      | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 2                 |       |    | 0   | 0   | 0   | 0   | 1      |        |
| 12:45  | 0     | 0     | 0       | 0           | 0    | 0      | 0      | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 4     |    | 0   | 0   | 0   | 0   | 0      | 3      |
| 13:00  | 0     | 0     | 0       | 0           | 0    | 0      | 0      | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 2     |    | 0   | 0   | 0   | 0   | 0      | 1      |
| 13:15  | 0     | 0     | 0       | 0           | 0    | 2      | 0      | 2      | 0    | 0     | 0      | 0     | 0    | 0      | 1     | 1     | 3                 | 5     |    | 0   | 0   | 0   | 0   | 3      | 4      |
| 13:30  | 0     | 0     | 0       | 0           | 0    | 0      | 0      | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 3     |    | 0   | 0   | 0   | 0   | 0      | 3      |
| 13:45  | 1     | 1     | 0       | 2           | 0    | 0      | 0      | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 2                 | 5     |    | 0   | 0   | 0   | 0   | 1      | 4      |
| 14:00  | 0     | 1     | 0       | 1           | 0    | 1      | 0      | 1      | 0    | 1     | 0      | 1     | 0    | 0      | 0     | 0     | 3                 | 8     | *  | 0   | 0   | 0   | 0   | 2      | 6      |
| 14:15  | 0     | 1     | 0       | 1           | 0    | 1      | 0      | 1      | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 2                 | 7     | +  | 0   | 0   | 0   | 0   | 1      | 4      |
| 14:30  | 0     | 0     | 0       | 0           | 0    | 0      | 0      | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 2     | 2     | 2                 | 9     | *  | 0   | 0   | 0   | 0   | 2      | 6      |
| 14:45  | 1     | 0     | 0       | 1           | 0    | 0      | 0      | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 1     | 1     | 2                 | 9     | *  | 0   | 0   | 0   | 0   | 2      | 7      |
| n/a  |       |       |         |             |      |        |        |        |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
| n/a  |       |       |         |             |      |        |        |        |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
| n/a  |       |       |         |             |      |        |        |        |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
| n/a  |       |       |         |             |      |        |        |        |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
|  |       |       |         |             |      |        |        |        |      |       |        |       |      |        |       |       |                   | _     |    |     |     |     |     |        |        |
| Total  | 3     | 3     | 1       | 7           | 0    | 4      | 0      | 4      | 0    | 1     | 0      | 1     | 0    | 1      | 5     | 6     | 18                |       |    | 0   | 0   | 0   | 0   | i [    | 13     |
| Avg Hr                                       | 1     | 1     | 0       | 2           | 0    | 1      | 0      | 1      | 0    | 0     | 0      | 0     | 0    | 0      | 2     | 2     | 6                 |       |    | 0   | 0   | 0   | 0   |        |        |
| <u>,                                    </u> |       |       |         |             |      |        |        |        |      |       |        |       |      |        |       |       |                   | ="    | _  |     |     |     |     |        |        |
| Peak h                                       | our o | f the | inters  | ection      | n    |        |        |        |      |       |        |       |      |        |       |       |                   | _     |    |     |     |     |     |        |        |
| Pk Hr  | 1     | 2     | 0       | 3           | 0    | 2      | 0      | 2      | 0    | 1     | 0      | 1     | 0    | 0      | 3     | 3     | 9                 | *     |    | 0   | 0   | 0   | 0   |        | 6      |
| 15x4   | 4     | 4     | 0       | 4           | 0    | 4      | 0      | 4      | 0    | 4     | 0      | 4     | 0    | 0      | 8     | 8     | 12                | +     |    | 0   | 0   | 0   | 0   |        | 16     |
| PHF  | 0.25  | 0.50  | n/a     | 0.75        | n/a  | 0.50   | n/a    | 0.50   | n/a  | 0.25  | n/a    | 0.25  | n/a  | n/a    | 0.38  | 0.38  | 0.75              |       |    | n/a | n/a | n/a | n/a |        | 0.38   |
|  |       |       |         | <del></del> |      |        |        |        |      |       |        |       |      |        |       |       |                   | -     |    |     |     |     |     | _      |        |
| Peak h                                       | our o | f con | flictin | g volu      | ımes | for th | e inte | ersect | ion  |       |        |       |      | -      |       |       |                   | •     |    |     |     |     |     |        |        |
| Pk Hr  | 1     | 2     | 0       | 3           | 0    | 2      | 0      | 2      | 0    | 1     | 0      | 1     | 0    | 0      | 3     | 3     | 9                 | *     |    | 0   | 0   | 0   | 0   |        | 6      |
| 15x4   | 4     | 4     | 0       | 4           | 0    | 4      | 0      | 4      | 0    | 4     | 0      | 4     | 0    | 0      | 8     | 8     | 12                | +     |    | 0   | 0   | 0   | 0   |        | 16     |
| PHF  | 0.25  | 0.50  | n/a     | 0.75        | n/a  | 0.50   | n/a    | 0.50   | n/a  | 0.25  | n/a    | 0.25  | n/a  | n/a    | 0.38  | 0.38  | 0.75              |       |    | n/a | n/a | n/a | n/a |        | 0.38   |

<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*

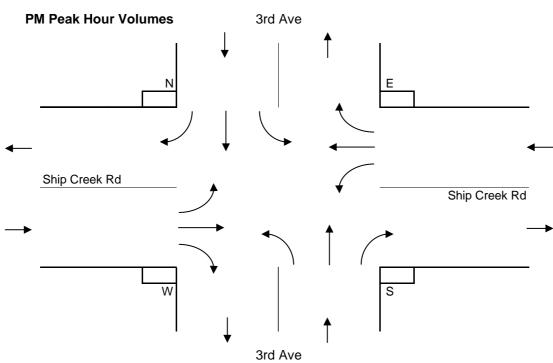




#### PM Peak Period Articulated Trucks

| Time          |       | 3rd     | Ave     |       |        | 3rd    | Ave     |        | S    | hip Cı | reek F | ₹d    | S    | hip Cr | eek R | Rd    |                   |          |    |   |   |   |   |        |        |
|---------------|-------|---------|---------|-------|--------|--------|---------|--------|------|--------|--------|-------|------|--------|-------|-------|-------------------|----------|----|---|---|---|---|--------|--------|
| Period        | NO    | RTH     | Appro   | ach   | SO     | UTH    | Appro   | ach    | W    | EST A  | Appro  | ach   | E    | AST A  | pproa | ach   | Total V           | olume    | ak |   |   |   |   | Cor    | nflict |
| <b>Begins</b> | Left  | Thru    | Right   | Total | Left   | Thru   | Right   | Total  | Left | Thru   | Right  | Total | Left | Thru   | Right | Total | Total V<br>15-min | Hour     | Pe | N | S | W | Е | 15 min | Hr     |
| n/a           |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   |          |    |   |   |   |   |        |        |
| n/a           |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   |          |    |   |   |   |   |        |        |
| n/a           |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   |          |    |   |   |   |   |        |        |
| n/a           |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   |          |    |   |   |   |   |        |        |
| n/a           |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   |          |    |   |   |   |   |        |        |
| n/a           |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   |          |    |   |   |   |   |        |        |
| n/a           |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   |          |    |   |   |   |   |        |        |
| n/a           |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   |          |    |   |   |   |   |        |        |
| n/a           |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   |          |    |   |   |   |   |        |        |
| n/a           |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   |          |    |   |   |   |   |        |        |
| n/a           |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   |          |    |   |   |   |   |        |        |
| n/a           |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   |          |    |   |   |   |   |        |        |
| n/a           |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   |          |    |   |   |   |   |        |        |
| n/a           |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   |          |    |   |   |   |   |        |        |
| n/a           |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   |          |    |   |   |   |   |        |        |
| n/a           |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   |          |    |   |   |   |   |        |        |
| n/a           |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   |          |    |   |   |   |   |        |        |
| n/a           |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   |          |    |   |   |   |   |        |        |
| n/a           |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   |          |    |   |   |   |   |        |        |
| n/a           |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   |          |    |   |   |   |   |        |        |
|               |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   |          |    |   |   |   |   |        |        |
| Total         |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   |          |    |   |   |   |   |        | 0      |
| Avg Hr        |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   |          |    |   |   |   |   |        |        |
| Peak h        |       | £ 415 a | :       | 4!    | _      |        |         |        |      |        |        |       |      |        |       |       |                   |          |    |   |   |   |   |        |        |
| Pk Hr         | our o | the     | inters  | ectio | n      |        |         |        |      |        |        |       |      |        |       |       |                   |          | Г  |   |   |   |   |        | 0      |
| 15x4          |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   |          | ŀ  |   |   |   |   |        | 0      |
|               |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   | +        | ŀ  |   |   |   |   |        | 0      |
| PHF           |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   |          | L  |   |   |   |   | l l    | n/a    |
| Peak h        | our o | f con   | flictin | a vol | ıımes  | for th | ne inte | ersect | ion  |        |        |       |      |        |       |       |                   |          |    |   |   |   |   |        |        |
| Pk Hr         | Jui 0 | . 5011  |         | 9 701 | 411103 | 101 11 |         | 1 3000 | .011 |        |        |       |      |        |       |       |                   | *        | Г  |   |   |   |   |        | O      |
| 15x4          |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   | +        | ŀ  |   |   |   |   |        | 0      |
| PHF           |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   | <b>T</b> | -  |   |   |   |   |        | n/a    |
| 1 1 11        |       |         |         |       |        |        |         |        |      |        |        |       |      |        |       |       |                   |          | L  |   |   |   |   | ı İ    | II/a   |





Entire Survey Period 8 Hours

|        |      | 3rd  | Ave   |       |      | 3rd   | Ave   |       | S    | hip Cı | eek R  | ld    | S    | hip Cı | eek R | ₹d    |        |  |   |   |
|--------|------|------|-------|-------|------|-------|-------|-------|------|--------|--------|-------|------|--------|-------|-------|--------|--|---|---|
|        | NO   | RTH. | Appro | ach   | SO   | UTH / | Appro | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa | ach   | Total  |  |   |   |
|        | Left | Thru | Right | Total | Left | Thru  | Right | Total | Left | Thru   | Right  | Total | Left | Thru   | Right | Total | Volume |  | Ν | I |
| Total  | 7    | 6    | 1     | 14    | 0    | 7     | 0     | 7     | 0    | 7      | 0      | 7     | 0    | 6      | 9     | 15    | 43     |  | 0 | Ī |
| Avg Hr | 1    | 1    | 0     | 2     | 0    | 1     | 0     | 1     | 0    | 1      | 0      | 1     | 0    | 1      | 1     | 2     | 5      |  | 0 | Τ |

| N | S | W | Е |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

AM Peak Period 5 Hours

|        |                                     | 3rd  | Ave   |       |      | 3rd   | Ave    |       | S    | hip Cı | eek F  | ₹d    | S    | hip Cı | reek R | ₹d    |        |  |
|--------|-------------------------------------|------|-------|-------|------|-------|--------|-------|------|--------|--------|-------|------|--------|--------|-------|--------|--|
|        | NORTH Approach Left Thru Right Tota |      |       | ach   | SO   | UTH A | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa  | ach   | Total  |  |
| Totals | Left                                | Thru | Right | Total | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right  | Total | Volume |  |
| Period | 4                                   | 3    | 0     | 7     | 0    | 3     | 0      | 3     | 0    | 6      | 0      | 6     | 0    | 5      | 4      | 9     | 25     |  |
| Avg Hr | 1                                   | 1    | 0     | 1     | 0    | 1     | 0      | 1     | 0    | 1      | 0      | 1     | 0    | 1      | 1      | 2     | 5      |  |

| N | S | W | Е |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

MD Peak Period 3 Hours

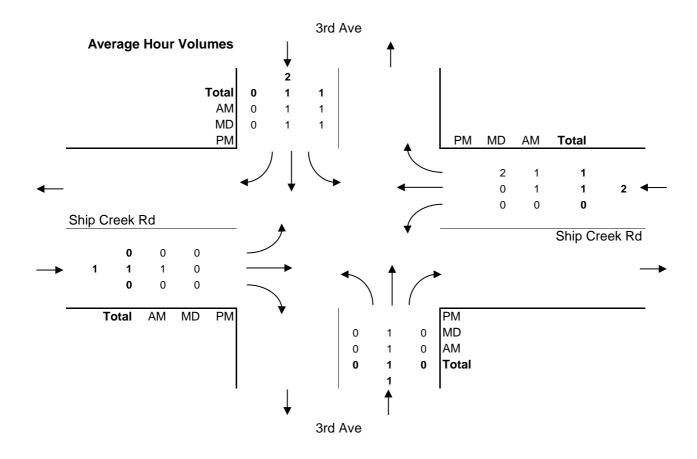
|        |                                     | 3rd  | Ave   |       |      | 3rd   | Ave    |       | S    | hip Cı | eek R  | ld    | S    | hip Cı | reek R | Rd    |        |
|--------|-------------------------------------|------|-------|-------|------|-------|--------|-------|------|--------|--------|-------|------|--------|--------|-------|--------|
|        | NORTH Approach Left Thru Right Tota |      |       | ach   | SO   | UTH A | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa  | ach   | Total  |
| Totals | Left                                | Thru | Right | Total | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right  | Total | Volume |
| Total  | 3                                   | 3    | 1     | 7     | 0    | 4     | 0      | 4     | 0    | 1      | 0      | 1     | 0    | 1      | 5      | 6     | 18     |
| Avg Hr | 1                                   | 1    | 0     | 2     | 0    | 1     | 0      | 1     | 0    | 0      | 0      | 0     | 0    | 0      | 2      | 2     | 6      |

| N | S | W | Е |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

PM Peak Period Hours

|        |      | 3rd           | Ave   |       |      | 3rd   | Ave    |       | S    | hip Cı | eek R  | ?d    | S    | hip Cı | reek R | ₹d    |        |  |
|--------|------|---------------|-------|-------|------|-------|--------|-------|------|--------|--------|-------|------|--------|--------|-------|--------|--|
|        | NO   | NORTH Approac |       | ach   | SO   | UTH A | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa  | ach   | Total  |  |
| Totals | Left | Thru          | Right | Total | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right  | Total | Volume |  |
| Total  |      |               |       |       |      |       |        |       |      |        |        |       |      |        |        |       |        |  |
| Avg Hr |      |               |       |       |      |       |        |       |      |        |        |       |      |        |        |       |        |  |

| N | S | W | Е |
|---|---|---|---|
|   |   |   |   |
|   |   |   |   |







# Vehicle Turning Movement Survey With Classification

Major Route:3rd AvenueMinor Route:Ship Creek RoadMunicipality:Port Alberni

Filename: 4-3rd Ave @ Ship Creek Rd-Sep 28, 2017.xlsx

Location #: 4

Date: September 28, 2017

Day-of-week: Thursday

East/West Route: Ship Creek Road

Intersection Type: 4-leg Signalized?: No

Weather: Clear and dry

Vehicle Classifications: Regular Vehicles

Buses

Articulated Trucks
Cube Trucks
Dump Trucks
Emergency Trucks
Garbage Trucks
Logging Trucks

RVs

**Utility Trucks** 

| Shift | Start | End   | Duration |
|-------|-------|-------|----------|
| AM    | 7:00  | 12:00 | 5.00     |
| MD    | 12:00 | 15:00 | 3.00     |
| PM    |       |       |          |
| Total | 7:00  |       | 8.00     |

**Notes:** 24-hour clock used for reporting (15-minute increments)

North Approach - southbound vehicles approaching intersection from the north

15x4 - 15 min volume (from maximum 15 minute period of movement/approach in peak hour period [\*]) x 4

This data is for Cube Trucks

Pedestrians - N indicates pedestrians crossing north approach (east/west)

#### **Comments:**



### Survey Data Cube Trucks

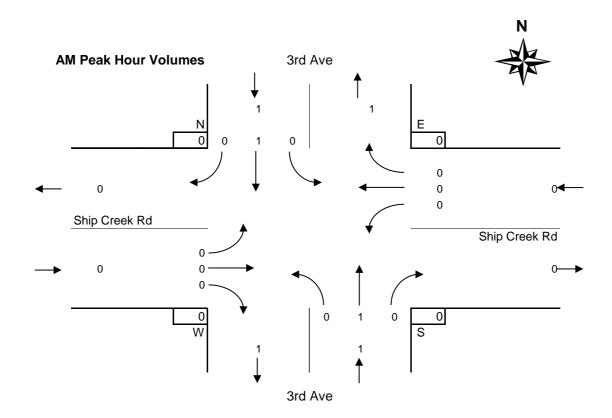
| Time           |           | 3rd       |       |         |           |        | Ave   |                |      |           | eek R   |   |           |      | eek F  |        |                    |        |      |            |          |                   |                |
|----------------|-----------|-----------|-------|---------|-----------|--------|-------|----------------|------|-----------|---------|---|-----------|------|--------|--------|--------------------|--------|------|------------|----------|-------------------|----------------|
| Period         |           |           | Appro |         |           |        | Appro |                |      |           | Approa  |   |           |      | pproa  |        | Total V            |        | Peak | NI I       | <u> </u> | 14/               | _              |
| Begins<br>7:00 | Left<br>0 | Thru<br>0 | Right | Total 0 | Left<br>0 | Thru 0 | Right | Total <b>0</b> | Left | Thru<br>0 | Right 0 |   | Left<br>0 | Thru | Right  |        | 15-min<br><b>0</b> | Hour   | Д    | <b>N</b> 0 | S<br>0   | W                 | E              |
| 7:00           | 0         | 0         | 0     | 0       | 0         | 0      | 0     | 0              | 0    | 0         |         | 0 | 0         | 0    | 0      |        | 0                  |        | Н    | 0          | 0        | 0                 | 0              |
| 7:10           | 0         | 0         | 0     | 0       | 0         | 0      |       | 0              | 0    | 0         |         | 0 | 0         | 0    | 1      | 1      | 1                  |        | Н    | 0          | 0        | 0                 | 0              |
| 7:45           | 0         | 0         | 0     | 0       | 0         | 0      |       | 0              | 0    | 0         |         | 0 | 0         | 0    | 0      |        | 0                  | 1      | П    | 0          | 0        | 0                 | 0              |
| 8:00           | 0         | 0         | 0     | 0       | 0         | 0      |       | 0              | 0    | 0         |         | 0 | 0         | 0    | 0      |        | 0                  | 1      |      | 0          | 0        | 0                 | 0              |
| 8:15           | 0         | 0         | 0     | 0       | 0         | 0      | 0     | 0              | 0    | 0         | 0       | 0 | 0         | 0    | 0      | 0      | 0                  | 1      |      | 0          | 0        | 0                 | 0              |
| 8:30           | 0         | 0         | 0     | 0       | 0         | 0      | 0     | 0              | 0    | 0         |         | 0 | 0         | 0    | 0      | 0      | 0                  | 0      |      | 0          | 0        | 0                 | 0              |
| 8:45           | 0         | 0         | 0     | 0       | 0         | 0      |       | 0              | 0    | 0         |         | 0 | 0         | 0    | 0      |        | 0                  | 0      | Ш    | 0          | 0        | 0                 | 0              |
| 9:00           | 0         | 0         | 0     | 0       | 0         | 0      |       | 0              | 0    | 0         |         | 0 | 0         | 0    | 0      |        | 0                  | 0      | -    | 0          | 0        | 0                 | 0              |
| 9:15           | 0         | 0         | 0     | 0       | 0         | 0      |       | 0              | 0    | 0         |         | 0 | 0         | 0    | 0      |        | 0                  | 0      | -    | 0          | 0        | 0                 | 0              |
| 9:30           | 0         | 0         | 0     | 0       | 0         | 0      |       | 0              | 0    | 0         |         | 0 | 0         | 0    | 0      |        | 0                  | 0      | -    | 0          | 0        | 0                 | 0              |
| 9:45           | 0         | 0<br>1    | 0     | 0       | 0         | 0      |       | 0              | 0    | 0         |         | 0 | 0         | 0    | 0<br>1 | 0<br>1 | 0                  | 0<br>2 | -    | 0          | 0        | 0                 | 0              |
| 10:00          | 0         | 0         | 0     | 0       | 0         | 0      |       | 0              | 0    | 0         |         | 0 | 0         | 0    | 0      |        | 0                  | 2      | -    | 0          | 0        | 0                 | 0              |
| 10:30          | 0         | 0         | 0     | 0       | 0         | 0      |       | 0              | 0    | 0         |         | 0 | 0         | 0    | 0      |        | 0                  | 2      | -    | 0          | 0        | 0                 | 0              |
| 10:45          | 0         | 0         | 0     | 0       | 0         | 0      | _     | 0              | 0    | 0         |         | 0 | 0         | 0    | 0      |        | 0                  | 2      | -    | 0          | 0        | 0                 | 0              |
| 11:00          | 0         | 0         | 0     | 0       | 0         | 1      | 0     | 1              | 0    | 0         |         | 0 | 0         | 0    | 0      |        | 1                  | 1      | -    | 0          | 0        | 0                 | 0              |
| 11:15          | 0         | 0         | 0     | 0       | 0         | 0      |       | 0              | 0    | 0         |         | 0 | 0         | 0    | 0      |        | 0                  | 1      | *    | 0          | 0        | 0                 | 0              |
| 11:30          | 0         | 1         | 0     | 1       | 0         | 0      |       | 0              | 0    | 0         | 0       | 0 | 0         | 0    | 0      |        | 1                  | 2      | *    | 0          | 0        | 0                 | 0              |
| 11:45          | 0         | 0         | 0     | 0       | 0         | 0      | 0     | 0              | 0    | 0         | 0       | 0 | 0         | 0    | 0      |        | 0                  | 2      | +    | 0          | 0        | 0                 | 0              |
| Total          | 0         | 2         | 0     | 2       | 0         | 1      | 0     | 1              | 0    | 0         | 0       | 0 | 0         | 0    | 2      | 2      | 5                  |        |      | 0          | 0        | 0                 | 0              |
| 12:00          | 0         | 0         | 0     | 0       | 0         | 0      | 0     | 0              | 0    | 0         | 0       | 0 | 0         | 0    | 0      | 0      | 0                  |        |      | 0          | 0        | 0                 | 0              |
| 12:15          | 0         | 0         | 0     | 0       | 0         | 0      |       | 0              | 0    | 0         |         | 0 | 0         | 0    | 0      |        | 0                  |        | H    | 0          | 0        | 0                 | 0              |
| 12:30          | 0         | 0         | 0     | 0       | 0         | 0      |       | 0              | 0    | 0         |         | 0 | 0         | 0    | 0      |        | 0                  |        | П    | 0          | 0        | 0                 | 0              |
| 12:45          | 0         | 0         | 0     | 0       | 0         | 0      |       | 0              | 0    | 0         |         | 0 | 0         | 0    | 0      |        | 0                  | 0      | П    | 0          | 0        | 0                 | 0              |
| 13:00          | 0         | 0         | 0     | 0       | 0         | 0      | 0     | 0              | 0    | 0         | 0       | 0 | 0         | 0    | 0      | 0      | 0                  | 0      |      | 0          | 0        | 0                 | 0              |
| 13:15          | 0         | 0         | 0     | 0       | 0         | 0      |       | 0              | 0    | 0         |         | 0 | 0         | 0    | 0      |        | 0                  | 0      |      | 0          | 0        | 0                 | 0              |
| 13:30          | 0         | 0         | 0     | 0       | 0         | 0      | _     | 0              | 0    | 0         |         | 0 | 0         | 0    | 0      |        | 0                  | 0      |      | 0          | 0        | 0                 | 0              |
| 13:45          | 0         | 0         | 0     | 0       | 0         | 0      | _     | 0              | 0    | 0         |         | 0 | 0         | 0    | 1      | 1      | 1                  | 1      |      | 0          | 0        | 0                 | 0              |
| 14:00          | 0         | 0         | 0     | 0       | 0         | 0      | _     | 0              | 0    | 0         |         | 0 | 0         | 0    | 0      |        | 0                  |        | *    | 0          | 0        | 0                 | 0              |
| 14:15<br>14:30 | 0         | 0         | 0     | 0       | 0         | 0      | _     | 0              | 0    | 0         | 0       | 0 | 0         | 0    | 0      |        | 0                  |        | +    | 0          | 0        | 0                 | 0              |
| 14:30          | 2<br>0    | 0         | 0     | 0       | 0         | 0      |       | 0              | 0    | 0         |         | 0 | 0         | 0    | 0      |        | 0                  | 3      | *    | 0          | 0        | 0                 | 0              |
| n/a            | U         | U         | U     | U       | U         | U      | 0     | U              | U    | U         | U       | U | U         | U    | U      | U      | U                  |        | Н    | ٠          | U        | _                 |                |
| n/a            |           |           |       |         |           |        |       |                |      |           |         |   |           |      |        |        |                    |        | H    |            |          |                   |                |
| n/a            |           |           |       |         |           |        |       |                |      |           |         |   |           |      |        |        |                    |        | П    |            |          |                   |                |
| n/a            |           |           |       |         |           |        |       |                |      |           |         |   |           |      |        |        |                    |        | П    |            |          |                   |                |
| Total          | 2         | 0         | 0     | 2       | 0         | 0      | 0     | 0              | 0    | 0         | 0       | 0 | 0         | 0    | 1      | 1      | 3                  |        |      | 0          | 0        | 0                 | 0              |
| n/a            |           |           |       |         |           |        |       |                |      |           |         |   |           |      |        |        |                    |        |      | 1          | 1        | <del></del>       |                |
| n/a            |           |           |       |         |           |        |       |                |      |           |         |   |           |      |        |        |                    |        | H    |            |          | $\rightarrow$     |                |
| n/a            |           |           |       |         |           |        |       |                |      |           |         |   |           |      |        |        |                    |        | Н    |            |          | $\dashv$          | -              |
| n/a            |           |           |       |         |           |        |       |                |      |           |         |   |           |      |        |        |                    |        | П    |            |          |                   | $\neg$         |
| n/a            |           |           |       |         |           |        |       |                |      |           |         |   |           |      |        |        |                    |        |      |            |          |                   |                |
| n/a            |           |           |       |         |           |        |       |                |      |           |         |   |           |      |        |        |                    |        |      |            |          |                   |                |
| n/a            |           |           |       |         |           |        |       |                |      |           |         |   |           |      |        |        |                    |        | Щ    |            |          | ]                 |                |
| n/a            |           |           |       |         |           |        |       |                |      |           |         |   |           |      |        |        |                    |        | Ш    |            |          |                   |                |
| n/a            |           |           |       |         |           |        |       |                |      |           |         |   |           |      |        |        |                    |        | Н    |            |          |                   |                |
| n/a            |           |           |       |         |           |        |       |                |      |           |         |   |           |      |        |        |                    |        | H    |            |          | $\longrightarrow$ | $\blacksquare$ |
| n/a<br>n/a     |           |           |       |         |           |        |       |                |      |           |         |   |           |      |        |        |                    |        | Н    |            |          |                   | $\dashv$       |
| n/a            |           |           |       |         |           |        |       |                |      |           |         |   |           |      |        |        |                    |        | H    |            |          | $\longrightarrow$ | -              |
| n/a            |           |           |       |         |           |        |       |                |      |           |         |   |           |      |        |        |                    |        | H    |            |          | $\dashv$          | $\dashv$       |
| n/a            |           |           |       |         |           |        |       |                |      |           |         |   |           |      |        |        |                    |        | H    |            |          | $\dashv$          | $\dashv$       |
| n/a            |           |           |       |         |           |        |       |                |      |           |         |   |           |      |        |        |                    |        | П    |            |          | $\neg \uparrow$   | $\neg \neg$    |
| n/a            |           |           |       |         |           |        |       |                |      |           |         |   |           |      |        |        |                    |        |      |            |          |                   |                |
| n/a            |           |           |       |         |           |        |       |                |      |           |         |   |           |      |        |        |                    |        |      |            |          |                   |                |
| n/a            |           |           |       |         |           |        |       |                |      |           |         |   |           |      |        |        |                    |        |      |            |          |                   |                |
| n/a            |           |           |       |         |           |        |       |                |      |           |         |   |           |      |        |        |                    |        | Ц    |            |          |                   |                |
| Total          |           |           |       |         |           |        |       |                |      |           |         |   |           |      |        |        |                    |        |      |            |          |                   |                |



#### AM Peak Period Cube Trucks

| Time          |       | 3rd   | Ave     |        |      | 3rd /  | √ve    |        |      | hip Cr |       |       | S    | hip Cr | eek R | b     |          |       |     |       |     |     |        |       |
|---------------|-------|-------|---------|--------|------|--------|--------|--------|------|--------|-------|-------|------|--------|-------|-------|----------|-------|-----|-------|-----|-----|--------|-------|
| Period        | NOI   | RTH A | Appro   | ach    | SO   | UTH A  | ppro   | ach    | W    | EST A  | pproa | ach   | EA   | AST A  | pproa | ch    | Total Vo | olume | מא  |       |     |     | Con    | flict |
| <b>Begins</b> | Left  | Thru  | Right   | Total  | Left | Thru   | Right  | Total  | Left | Thru   | Right | Total | Left | Thru   | Right | Total | 15-min   | Hour  | N   | S     | W   | Е   | 15 min | Hr    |
| 7:00          | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0        |       | (   | 0 0   | 0   | 0   | 0      |       |
| 7:15          | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     |      | 0      | 0     | 0     | 0        |       | (   | 0 0   | 0   | 0   | 0      |       |
| 7:30          | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     | 0    | 0      | 1     | 1     | 1        |       | (   | 0 0   | 0   | 0   | 1      |       |
| 7:45          | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0        | 1     |     | 0 0   | 0   | 0   | 0      | 1     |
| 8:00          | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0        | 1     | (   | 0 0   | 0   | 0   | 0      | 1     |
| 8:15          | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     | -    | 0      | 0     | 0     |          | 1     | (   | 0 0   | 0   | 0   | 0      | 1     |
| 8:30          | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | _        | 0     | (   | 0 0   | 0   | 0   | 0      | 0     |
| 8:45          | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     |          | 0     | (   | 0 0   | 0   | 0   | 0      | 0     |
| 9:00          | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     |          | 0     | (   | 0 0   | 0   | 0   | 0      | 0     |
| 9:15          | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     |      | 0      | 0     | 0     |          | 0     | _   | 0 0   | 0   | 0   | 0      | 0     |
| 9:30          | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     |      | 0      | 0     | 0     |          | 0     |     | 0 0   | 0   | 0   |        | 0     |
| 9:45          | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     |      | 0      | 0     | 0     |          | 0     |     | 0 0   | 0   | 0   | 0      | 0     |
| 10:00         | 0     | 1     | 0       | 1      | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     |      | 0      | 1     | 1     | 2        | 2     | -   | 0 0   | 0   | 0   | 2      | 2     |
| 10:15         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     | -    | 0      | 0     | 0     | Ÿ        | 2     |     | 0 0   | 0   | 0   | 0      | 2     |
| 10:30         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     |      | 0      | 0     | 0     | _        | 2     |     | 0 0   | 0   | 0   | 0      | 2     |
| 10:45         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     |      | 0      | 0     | 0     |          | 2     |     | 0 0   | 0   | 0   | 0      | 2     |
| 11:00         | 0     | 0     | 0       | 0      | 0    | 1      | 0      | 1      | 0    | 0      | 0     | 0     |      | 0      | 0     | 0     |          | 1 *   |     | 0 0   | 0   | 0   | 1      | 1     |
| 11:15         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     |      | 0      | 0     | 0     |          | 1 *   |     | 0 0   | 0   | 0   | 0      | 1     |
| 11:30         | 0     | 1     | 0       |        | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     |      | 0      | 0     | 0     |          | 2 *   |     | 0 0   | 0   | 0   | 1      | 2     |
| 11:45         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0        | 2 -   | . ( | 0 0   | 0   | 0   | 0      | 2     |
|               |       |       |         |        |      |        |        |        |      |        |       |       |      |        |       |       |          |       |     |       |     |     | _      |       |
| Total         | 0     | 2     | 0       | 2      | 0    | 1      | 0      | 1      | 0    | 0      | 0     | 0     |      | 0      | 2     | 2     | 5        |       |     | 0 0   | 0   | 0   |        | 4     |
| Avg Hr        | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 1        |       |     | 0 0   | 0   | 0   |        |       |
|               |       |       |         |        |      |        |        |        |      |        |       |       |      |        |       |       |          |       |     |       |     |     |        |       |
| Peak h        | our o | f the | inters  | ectio  | n    |        |        |        |      |        |       |       |      |        |       |       |          |       |     |       |     |     | _      |       |
| Pk Hr         | 0     | 1     | 0       | 1      | 0    | 1      | 0      | 1      | 0    | 0      | 0     | 0     |      | 0      | 0     | 0     |          | *     |     | 0 0   | 0   | 0   |        | 1     |
| 15x4          | 0     | 4     | 0       | 4      | 0    | 4      | 0      | 4      | 0    | 0      | 0     | 0     |      | 0      | 0     | 0     | 4        | +     |     | 0 0   | 0   | 0   |        | 4     |
| PHF           | n/a   | 0.25  | n/a     | 0.25   | n/a  | 0.25   | n/a    | 0.25   | n/a  | n/a    | n/a   | n/a   | n/a  | n/a    | n/a   | n/a   | 0.50     |       | n/  | a n/a | n/a | n/a |        | 0.25  |
|               |       |       |         |        |      |        |        |        |      |        |       |       |      |        |       |       |          |       |     |       |     |     |        |       |
| Peak h        | our o | f con | flictin | g volu | ımes | for th | e inte | ersect | ion  |        | -     |       |      |        |       |       |          |       |     |       |     |     |        |       |
| Pk Hr         | 0     | 1     | 0       | 1      | 0    | 1      | 0      | 1      | 0    | 0      | 0     | 0     |      | 0      | 0     | 0     |          | *     |     | 0 0   | 0   | 0   |        | 1     |
| 15x4          | 0     | 4     | 0       | 4      | 0    | 4      | 0      | 4      | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 4        | +     |     | 0 0   | 0   | 0   |        | 4     |
| PHF           | n/a   | 0.25  | n/a     | 0.25   | n/a  | 0.25   | n/a    | 0.25   | n/a  | n/a    | n/a   | n/a   | n/a  | n/a    | n/a   | n/a   | 0.50     |       | n/  | a n/a | n/a | n/a |        | 0.25  |

<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*

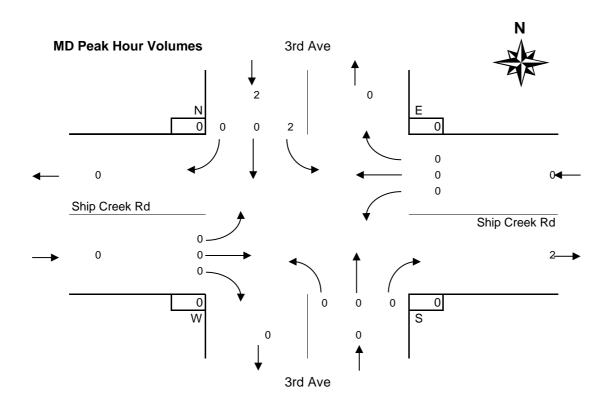




## **MD Peak Period** Cube Trucks

| Time          |       | 3rd   |         |        |      | 3rd      |        |       | S    | hip C | reek R | d     | S    | hip Cr | eek R | ld    |                   |       |    |     |     |     |     |        |        |
|---------------|-------|-------|---------|--------|------|----------|--------|-------|------|-------|--------|-------|------|--------|-------|-------|-------------------|-------|----|-----|-----|-----|-----|--------|--------|
| Period        | NO    |       | Appro   |        | SO   | UTH A    |        |       | W    |       | Approa |       | E    | AST A  | pproa |       | Total V<br>15-min | olume | äk |     |     |     |     | Cor    | nflict |
| <b>Begins</b> | Left  | Thru  | Right   | Total  | Left | Thru     | Right  | Total | Left | Thru  | Right  | Total | Left | Thru   | Right | Total | 15-min            | Hour  | Pe | N   | S   | W   | Е   | 15 min | Hr     |
| 12:00         | 0     | 0     | 0       | 0      | 0    | 0        | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 |       |    | 0   | 0   | 0   | 0   | 0      |        |
| 12:15         | 0     | 0     | 0       | 0      | 0    | 0        | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 |       |    | 0   | 0   | 0   | 0   | 0      |        |
| 12:30         | 0     | 0     | 0       | 0      | 0    | 0        | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 |       |    | 0   | 0   | 0   | 0   | 0      |        |
| 12:45         | 0     | 0     | 0       |        | 0    | 0        | 0      | 0     | 0    |       |        | 0     |      | 0      | 0     |       | 0                 | 0     |    | 0   | 0   | 0   | 0   | 0      | 0      |
| 13:00         | 0     | 0     | 0       | 0      | 0    | 0        | 0      | 0     | 0    | 0     | 0      | 0     |      | 0      | 0     | 0     | 0                 | 0     |    | 0   | 0   | 0   | 0   | 0      | 0      |
| 13:15         | 0     | 0     | 0       | 0      | 0    | 0        | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 0     |    | 0   | 0   | 0   | 0   | 0      | 0      |
| 13:30         | 0     | 0     | 0       |        | 0    | 0        | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 0     |    | 0   | 0   | 0   | 0   | 0      | 0      |
| 13:45         | 0     | 0     | 0       | 0      | 0    | 0        | 0      | 0     | 0    | 0     | 0      | 0     | _    | 0      | 1     | 1     | 1                 | 1     |    | 0   | 0   | 0   | 0   | 1      | 1      |
| 14:00         | 0     | 0     | 0       | 0      | 0    | 0        | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 1     | k  | 0   | 0   | 0   | 0   | 0      | 1      |
| 14:15         | 0     | 0     | 0       |        | 0    | 0        | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 1     | +  | 0   | 0   | 0   | 0   | 0      | 1      |
| 14:30         | 2     | 0     | 0       | 2      | 0    | 0        | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 2                 | 3     | k  | 0   | 0   | 0   | 0   | 2      | 3      |
| 14:45         | 0     | 0     | 0       | 0      | 0    | 0        | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 2     | *  | 0   | 0   | 0   | 0   | 0      | 2      |
| n/a           |       |       |         |        |      |          |        |       |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
| n/a           |       |       |         |        |      |          |        |       |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
| n/a           |       |       |         |        |      |          |        |       |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
| n/a           |       |       |         |        |      |          |        |       |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
|               |       |       |         |        |      |          |        |       |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
| Total         | 2     | 0     | 0       | 2      | 0    | 0        | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 1     | 1     | 3                 |       |    | 0   | 0   | 0   | 0   |        | 3      |
| Avg Hr        | 1     | 0     | 0       | 1      | 0    | 0        | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 1                 |       |    | 0   | 0   | 0   | 0   | _      |        |
|               |       |       |         |        |      |          |        |       |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
| Peak h        | our o | f the | inters  | ectio  | n    |          |        |       |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     | _      |        |
| Pk Hr         | 2     | 0     | 0       | 2      | 0    | 0        | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 2                 | *     |    | 0   | 0   | 0   | 0   |        | 2      |
| 15x4          | 8     | 0     | 0       | 8      | 0    | 0        | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 8                 | +     |    | 0   | 0   | 0   | 0   |        | 8      |
| PHF           | 0.25  | n/a   | n/a     | 0.25   | n/a  | n/a      | n/a    | n/a   | n/a  | n/a   | n/a    | n/a   | n/a  | n/a    | n/a   | n/a   | 0.25              |       |    | n/a | n/a | n/a | n/a |        | 0.25   |
|               |       |       |         |        |      | <u> </u> |        |       |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     | _      |        |
| Peak h        | our o | f con | flictin | g volu | umes | for th   | e inte | rsect | ion  |       |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
| Pk Hr         | 2     | 0     | , ,     |        | 0    | 0        | 0      | 0     | 0    |       |        | 0     | 0    | 0      | 0     | 0     | 2                 | *     |    | 0   | 0   | 0   | 0   |        | 2      |
| 15x4          | 8     | 0     | 0       | 8      | 0    | 0        | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 8                 | +     |    | 0   | 0   | 0   | 0   | Ĺ      | 8      |
| PHF           | 0.25  | n/a   | n/a     | 0.25   | n/a  | n/a      | n/a    | n/a   | n/a  | n/a   | n/a    | n/a   | n/a  | n/a    | n/a   | n/a   | 0.25              |       |    | n/a | n/a | n/a | n/a |        | 0.25   |

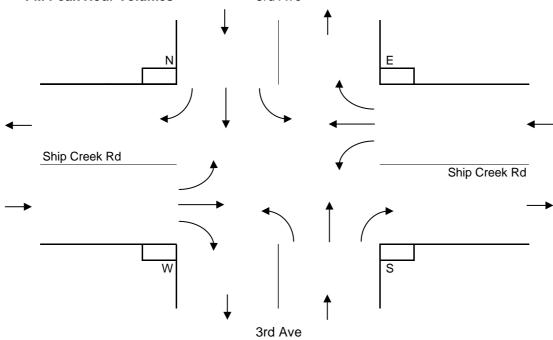
<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*



#### PM Peak Period Cube Trucks

| Time     |       | 3rd   | Ave     |        |      | 3rd    | Ave     |        | S    | hip C | reek F | Rd    | S    | hip Cı | reek R | Rd    | ]                 |       |    |   |   |   |   |        |        |
|----------|-------|-------|---------|--------|------|--------|---------|--------|------|-------|--------|-------|------|--------|--------|-------|-------------------|-------|----|---|---|---|---|--------|--------|
| Period   | NO    | RTH   | Appro   | ach    | SO   | UTH.   | Appro   | ach    | W    | EST A | Approa | ach   | E    | AST A  | pproa  | ach   | Total V           | olume | ak |   |   |   |   | Coi    | nflict |
| Begins   |       |       | Right   |        | Left | Thru   | Right   | Total  | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Total V<br>15-min | Hour  | Pe | N | S | W | Е | 15 min | Hr     |
| n/a      |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a      |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a      |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a      |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a      |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a      |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a      |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a      |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a      |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a      |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a      |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a      |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a      |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a      |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a      |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a      |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a      |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a      |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a      |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a      |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| T. ( . ) |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   | 1     | ı  |   |   |   |   | 1 1    |        |
| Total    |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |   |   |   |        | 0      |
| Avg Hr   |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |   |   |   | ļ      |        |
| Peak h   | our o | f the | inters  | sectio | n    |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| Pk Hr    |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   | *     |    |   |   |   |   |        | 0      |
| 15x4     |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   | +     |    |   |   |   |   | 1      | 0      |
| PHF      |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |   |   |   |        | n/a    |
|          |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   | •     |    |   |   |   |   |        |        |
| Peak h   | our o | f con | flictin | ig vol | umes | for th | ne inte | ersect | ion  |       |        |       |      |        |        |       |                   | 1.    |    |   |   |   |   | 1 1    |        |
| Pk Hr    |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   | *     |    |   |   |   |   |        | 0      |
| 15x4     |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   | +     |    |   |   |   |   |        | 0      |
| PHF      |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |   |   |   |        | n/a    |
|          |       |       |         |        |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |





Entire Survey Period 8 Hours

|        |      | 3rd  | Ave   |       |      | 3rd   | Ave   |       | S    | hip Cı | eek R  | ld    | S    | hip Cı | reek R | ld    |        | _ |   |   |
|--------|------|------|-------|-------|------|-------|-------|-------|------|--------|--------|-------|------|--------|--------|-------|--------|---|---|---|
|        | NO   | RTH  | Appro | ach   | SO   | UTH / | Appro | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa  | ich   | Total  |   |   |   |
|        | Left | Thru | Right | Total | Left | Thru  | Right | Total | Left | Thru   | Right  | Total | Left | Thru   | Right  | Total | Volume |   | N |   |
| Total  | 2    | 2    | 0     | 4     | 0    | 1     | 0     | 1     | 0    | 0      | 0      | 0     | 0    | 0      | 3      | 3     | 8      | Ī | 0 |   |
| Avg Hr | 0    | 0    | 0     | 1     | 0    | 0     | 0     | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 1      | Ī | 0 | П |

| N | S | W | Е |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

AM Peak Period 5 Hours

|        |      | 3rd  | Ave   |       |      | 3rd   | Ave    |       | S    | hip Cı | reek R | ?d    | S    | hip Cı | eek R | ₹d    |        |  |
|--------|------|------|-------|-------|------|-------|--------|-------|------|--------|--------|-------|------|--------|-------|-------|--------|--|
|        | NO   | RTH  | Appro | ach   | SO   | UTH / | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa | ach   | Total  |  |
| Totals | Left | Thru | Right | Total | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right | Total | Volume |  |
| Period | 0    | 2    | 0     | 2     | 0    | 1     | 0      | 1     | 0    | 0      | 0      | 0     | 0    | 0      | 2     | 2     | 5      |  |
| Avg Hr | 0    | 0    | 0     | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 1      |  |

| N | S | W | Е |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

MD Peak Period 3 Hours

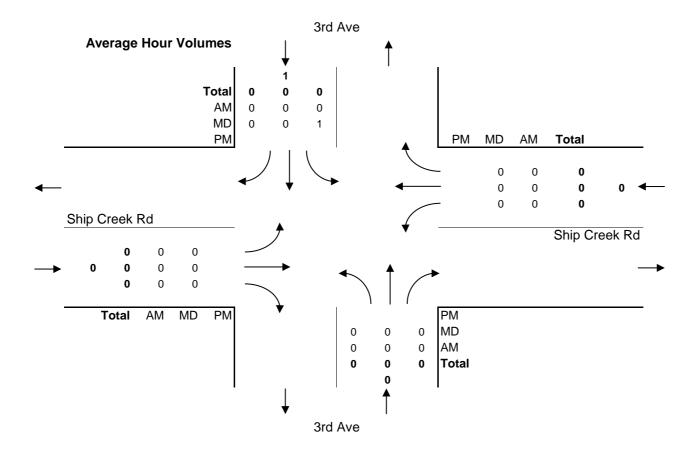
|        |                    | 3rd | Ave |       |      | 3rd   | Ave    |       | S    | hip Cı | eek R  | ld    | S    | hip Cı | eek R | ₹d    |        |
|--------|--------------------|-----|-----|-------|------|-------|--------|-------|------|--------|--------|-------|------|--------|-------|-------|--------|
|        | NORTH Approach     |     |     | ach   | SO   | UTH A | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa | ach   | Total  |
| Totals | Left Thru Right To |     |     | Total | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right | Total | Volume |
| Total  | 2                  | 0   | 0   | 2     | 0    | 0     | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 1     | 1     | 3      |
| Avg Hr | 1                  | 0   | 0   | 1     | 0    | 0     | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 1      |

| N | S | W | Е |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

PM Peak Period Hours

|        |                    | 3rd | Ave |       |      | 3rd   | Ave    |       | S    | hip Cı | eek R  | ?d    | S    | hip Cı | reek R | ₹d    |        |  |
|--------|--------------------|-----|-----|-------|------|-------|--------|-------|------|--------|--------|-------|------|--------|--------|-------|--------|--|
|        | NORTH Approach     |     |     | ach   | SO   | UTH A | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa  | ach   | Total  |  |
| Totals | Left Thru Right To |     |     | Total | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right  | Total | Volume |  |
| Total  |                    |     |     |       |      |       |        |       |      |        |        |       |      |        |        |       |        |  |
| Avg Hr |                    |     |     |       |      |       |        |       |      |        |        |       |      |        |        |       |        |  |

| N | S | W | Е |
|---|---|---|---|
|   |   |   |   |
|   |   |   |   |
|   |   |   |   |





# Vehicle Turning Movement Survey With Classification

Major Route:3rd AvenueMinor Route:Ship Creek RoadMunicipality:Port Alberni

Filename: 4-3rd Ave @ Ship Creek Rd-Sep 28, 2017.xlsx

Location #: 4

Date: September 28, 2017

Day-of-week: Thursday

East/West Route: Ship Creek Road

Intersection Type: 4-leg Signalized?: No

Weather: Clear and dry

Vehicle Classifications: Regular Vehicles

Buses

Articulated Trucks
Cube Trucks
Dump Trucks
Emergency Trucks
Garbage Trucks
Logging Trucks

RVs

**Utility Trucks** 

| Shift | Start | End   | Duration |
|-------|-------|-------|----------|
| AM    | 7:00  | 12:00 | 5.00     |
| MD    | 12:00 | 15:00 | 3.00     |
| PM    |       |       |          |
| Total | 7:00  |       | 8.00     |

**Notes:** 24-hour clock used for reporting (15-minute increments)

North Approach - southbound vehicles approaching intersection from the north

15x4 - 15 min volume (from maximum 15 minute period of movement/approach in peak hour period [\*]) x 4

This data is for Dump Trucks

Pedestrians - N indicates pedestrians crossing north approach (east/west)

#### **Comments:**



### Survey Data Dump Trucks

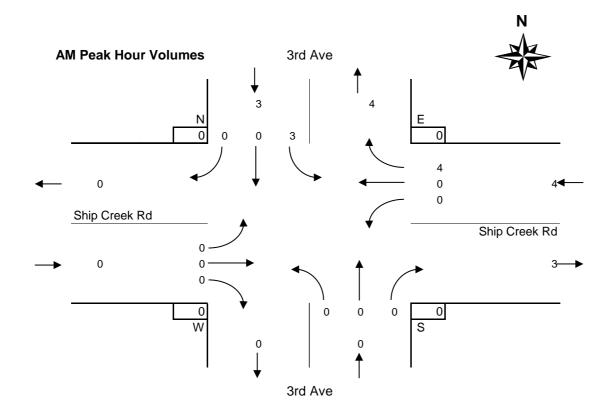
| Time   |      | 3rd  | Ave   |       |      | 3rd  | Ave  |       | S    | hip Cr | eek R  | d     | S    | hip Cr | eek R | ld. |         |       |      |                   |                   |                   |             |
|--------|------|------|-------|-------|------|------|--|-------|------|--------|--------|-------|------|--------|-------|-----|---------|-------|------|-------------------|-------------------|-------------------|-------------|
| Period | NO   | RTH  | Appro | ach   | SO   |      | Approa   | ach   |      |        | Approa |       |      | AST A  |       |     | Total V | olume | ak   |                   |                   |                   |             |
| Begins | Left | Thru | Right | Total | Left | Thru | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   |       |     | 15-min  | Hour  | Peak | N                 | S                 | W                 | Е           |
| 7:00   | 0    | 0    |       | 0     | 0    | 0    | 0  | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0   | 0       |       | П    | 0                 | 0                 | 0                 | 0           |
| 7:15   | 1    | 0    |       | 1     | 0    | 0    |  | 0     | 0    | 0      |        | 0     | 0    | 0      | 0     | 0   | 1       |       |      | 0                 | 0                 | 0                 | 0           |
| 7:30   | 0    | 0    |       | 0     | 0    | 0    |  | 0     | 0    | 0      |        | 0     | 0    | 0      | 1     | 1   | 1       |       | H    | 0                 | 0                 | 0                 | 0           |
| 7:45   |      |      |       | 0     |      |      |  | 0     |      |        |        |       |      |        |       |     | •       | 4     | H    | 0                 |                   |                   | _           |
|        | 0    | 0    |       |       | 0    | 0    |  |       | 0    | 0      |        | 0     | 0    | 0      | 2     | 2   | 2       | 4     | -    |                   | 0                 | 0                 | 0           |
| 8:00   | 2    | 1    | 0     | 3     |      | 0    |  | 0     | 0    | 0      |        | 0     | 0    | 0      | 1     | 1   | 4       | 8     | -    | 0                 | 0                 | 0                 | 0           |
| 8:15   | 0    | 0    |       | 0     | 0    | 0    |  | 0     | 0    | 0      |        | 0     | 0    | 0      | 1     | 1   | 1       | 8     |      | 0                 | 0                 | 0                 | 0           |
| 8:30   | 2    | 0    | 0     | 2     | 0    | 0    | 0  | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 1     | 1   | 3       | 10    |      | 0                 | 0                 | 0                 | 0           |
| 8:45   | 0    | 0    | 0     | 0     | 0    | 0    | 0  | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0   | 0       | 8     |      | 0                 | 0                 | 0                 | 0           |
| 9:00   | 4    | 0    | 0     | 4     | 0    | 0    | 0  | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 1     | 1   | 5       | 9     |      | 0                 | 0                 | 0                 | 0           |
| 9:15   | 1    | 0    |       | 1     | 0    | 0    |  | 0     | 0    | 0      |        | 0     | 0    | 0      | 0     | 0   | 1       | 9     | -    | 0                 | 0                 | 0                 | 0           |
| 9:30   | 2    | 0    |       | 2     | 0    | 0    |  | 0     | 0    | 0      |        | 0     | 0    | 0      | 3     | 3   | 5       | 11    | H    | 0                 | 0                 | 0                 | 0           |
|        |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       | H    |                   |                   |                   | _           |
| 9:45   | 2    | 0    |       | 2     | 0    | 0    |  | 0     | 0    | 0      |        | 0     | 0    | 0      | 1     | 1   | 3       | 14    |      | 0                 | 0                 | 0                 | 0           |
| 10:00  | 0    | 0    |       | 0     | 0    | 0    |  | 0     | 0    | 0      |        | 0     | 0    | 1      | 2     | 3   | 3       | 12    | Ш    | 0                 | 0                 | 0                 | 0           |
| 10:15  | 1    | 0    | 0     | 1     | 0    | 0    | 0  | 0     | 0    | 1      | 0      | 1     | 0    | 0      | 2     | 2   | 4       | 15    |      | 0                 | 0                 | 0                 | 0           |
| 10:30  | 0    | 0    | 0     | 0     | 0    | 0    | 0  | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0   | 0       | 10    |      | 0                 | 0                 | 0                 | 0           |
| 10:45  | 2    | 0    | 0     | 2     | 0    | 0    | 0  | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0   | 2       | 9     | П    | 0                 | 0                 | 0                 | 0           |
| 11:00  | 0    | 0    |       | 0     | 0    | 0    |  | 0     | 0    | 0      |        | 0     | 0    | 0      | 2     | 2   | 2       | 8     | _    | 0                 | 0                 | 0                 | 0           |
| 11:15  | 1    | 0    |       | 1     | 0    | 0    |  | 0     | 0    | 0      |        | 0     | 0    | 0      | 1     | 1   | 2       | 6     | -    | 0                 | 0                 | 0                 | 0           |
| 11:30  |      | 0    |       | 1     | 0    | 0    |  | 0     | 0    | 0      |        | 0     | 0    | 0      | 0     | 0   | 1       | 7     | -    | 0                 | 0                 | 0                 | 0           |
|        | 1    |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       |      |                   |                   |                   | _           |
| 11:45  | 1    | 0    |       | 1     | 0    | 0    |  | 0     | 0    | 0      |        | 0     | 0    | 0      | 1     | 1   | 2       | 7     | +    | 0                 | 0                 | 0                 | 0           |
| Total  | 20   | 1    | 0     | 21    | 0    | 0    | 0  | 0     | 0    | 1      | 0      | 1     | 0    | 1      | 19    | 20  | 42      |       |      | 0                 | 0                 | 0                 | 0           |
|        |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       |      |                   |                   |                   |             |
| 12:00  | 1    | 0    | 0     | 1     | 0    | 0    | 0  | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 2     | 2   | 3       |       |      | 0                 | 0                 | 0                 | 0           |
| 12:15  | 3    | 0    | 0     | 3     | 0    | 0    | 0  | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0   | 3       |       |      | 0                 | 0                 | 0                 | 0           |
| 12:30  | 0    | 0    |       | 0     | 0    | 0    |  | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0   | 0       |       |      | 0                 | 0                 | 0                 | 0           |
| 12:45  | 1    | 0    |       | 1     | 0    | 0    |  | 0     | 0    | 0      |        | 0     | 0    | 0      | 3     | 3   | 4       | 10    | H    | 0                 | 0                 | 0                 | 0           |
| 13:00  | 0    | 0    |       | 0     | 0    | 0    |  | 0     | 0    | 0      |        | 0     | 0    | 0      | 0     | 0   | 0       | 7     | H    | 0                 | 0                 | 0                 | 0           |
|        |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       | H    |                   |                   |                   | _           |
| 13:15  | 2    | 0    |       | 2     | 0    | 0    |  | 0     | 0    | 0      |        | 0     | 0    | 0      | 1     | 1   | 3       | 7     | Н    | 0                 | 0                 | 0                 | 0           |
| 13:30  | 1    | 0    |       | 1     | 0    | 0    |  | 0     | 0    | 0      |        | 0     | 0    | 0      | 0     | 0   | 1       | 8     | -    | 0                 | 0                 | 0                 | 0           |
| 13:45  | 1    | 0    |       | 1     | 0    | 0    | 0  | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 3     | 3   | 4       | 8     |      | 0                 | 0                 | 0                 | 0           |
| 14:00  | 1    | 0    | 0     | 1     | 0    | 0    | 0  | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 2     | 2   | 3       | 11    | *    | 0                 | 0                 | 0                 | 0           |
| 14:15  | 2    | 0    | 0     | 2     | 0    | 0    | 0  | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0   | 2       | 10    | +    | 0                 | 0                 | 0                 | 0           |
| 14:30  | 0    | 0    |       | 0     | 0    | 0    |  | 0     | 0    | 0      | 0      | 0     | 0    | 1      | 1     | 2   | 2       | 11    | *    | 0                 | 0                 | 0                 | 0           |
| 14:45  | 3    | 0    |       | 3     | 0    | 0    | 0  | 0     | 0    | 1      | 0      | 1     | 0    | 0      | 2     | 2   | 6       | 13    | *    | 0                 | 0                 | 0                 | 0           |
|        |      |      |       |       |      | - 0  | H  |       |      |        |        | •     |      |        |       |     | - 0     | 10    | H    | $\dashv$          | $\dashv$          | -                 | $\dashv$    |
| n/a    |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       | Н    |                   |                   | <del></del>       |             |
| n/a    |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       | Ш    | $\longrightarrow$ |                   |                   |             |
| n/a    |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       | Ш    |                   |                   |                   |             |
| n/a    |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       |      |                   |                   |                   |             |
| Total  | 15   | 0    | 0     | 15    | 0    | 0    | 0  | 0     | 0    | 1      | 0      | 1     | 0    | 1      | 14    | 15  | 31      |       |      | 0                 | 0                 | 0                 | 0           |
|        |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       |      |                   |                   |                   |             |
| n/a    |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       |      |                   |                   |                   |             |
| n/a    |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       | H    | $\neg \uparrow$   |                   | $\dashv$          | $\neg \neg$ |
| n/a    |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       | H    | $\dashv$          |                   | <del>- +</del>    |             |
| n/a    |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       | Н    | $\longrightarrow$ | $\dashv$          | $\longrightarrow$ |             |
| -      |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       | Н    | $\longrightarrow$ | $\longrightarrow$ | $\longrightarrow$ | -           |
| n/a    |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       | Н    |                   |                   | <b></b> ∔         |             |
| n/a    |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       | Ш    |                   |                   |                   |             |
| n/a    |      | _    |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       | Ш    |                   |                   |                   |             |
| n/a    |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       | Π    |                   |                   |                   |             |
| n/a    |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       | П    |                   |                   |                   |             |
| n/a    |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       | П    | $\dashv$          | $\Box$            | $\dashv$          | $\neg$      |
| n/a    |      |      |       |       |      |      | <del>   </del>                                   |       |      |        |        |       |      |        |       |     |         |       | H    |                   |                   | -+                | -           |
| -      |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       | H    | $\dashv$          | $\dashv$          | $\longrightarrow$ | $\dashv$    |
| n/a    |      |      |       |       |      |      | <del>                                     </del> |       |      |        |        |       |      |        |       |     |         |       | Н    | $\longrightarrow$ |                   | <b></b> ∔         |             |
| n/a    |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       | Ш    |                   |                   |                   |             |
| n/a    |      | _    |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       | Ш    |                   |                   |                   |             |
| n/a    |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       | Π    |                   |                   |                   |             |
| n/a    |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       | П    |                   |                   |                   | $\neg$      |
| n/a    |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       | Н    | $\dashv$          | $\dashv$          | -+                |             |
| -      |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       | Н    | $\longrightarrow$ | $\dashv$          | $\longrightarrow$ |             |
| n/a    |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       | Н    | $\longrightarrow$ | $\longrightarrow$ | $\longrightarrow$ |             |
| n/a    |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       | Ш    | $\longrightarrow$ | <b> </b>          | $\longrightarrow$ |             |
| n/a    |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       | Ш    |                   |                   |                   |             |
| Total  |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       |      |                   |                   |                   |             |
|        |      |      |       |       |      |      |  |       |      |        |        |       |      |        |       |     |         |       | _    |                   |                   |                   |             |



#### AM Peak Period Dump Trucks

| Time          |       | 3rd     | Ave     |        |      | 3rd A  | √ve    |       | S    | hip Cr | eek R | .d    | SI   | nip Cr | eek R | d     |          |                     |     |     |     |     |        |        |
|---------------|-------|---------|---------|--------|------|--------|--------|-------|------|--------|-------|-------|------|--------|-------|-------|----------|---------------------|-----|-----|-----|-----|--------|--------|
| Period        | NO    | RTH A   | Appro   | ach    | SO   | JTH A  | ppro   | ach   | W    | EST A  | pproa | ach   | EA   | ST A   | pproa | ch    | Total Vo | olume हैं<br>Hour व | Š   |     |     |     | Cor    | nflict |
| <b>Begins</b> | Left  | Thru    | Right   | Total  | Left | Thru   | Right  | Total | Left | Thru   | Right | Total | Left | Thru   | Right | Total | 15-min   | Hour d              | N   | S   | W   | Е   | 15 min | Hr     |
| 7:00          | 0     | 0       | 0       | 0      | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0        |                     | 0   | 0   | 0   | 0   | 0      |        |
| 7:15          | 1     | 0       | 0       |        | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     |      | 0      | 0     | 0     | 1        |                     | 0   | 0   | 0   | 0   | 1      |        |
| 7:30          | 0     | 0       | 0       | 0      | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 1     | 1     | 1        |                     | 0   | 0   | 0   | 0   | -      |        |
| 7:45          | 0     | 0       | 0       |        | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 2     | 2     | 2        | 4                   | 0   | 0   | 0   | 0   | _      | 4      |
| 8:00          | 2     | 1       | 0       | 3      | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 1     | 1     | 4        | 8                   | 0   | 0   | 0   | 0   | 3      | 7      |
| 8:15          | 0     | 0       | 0       | ·      | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 1     | 1     | 1        | 8                   | 0   | 0   | 0   | 0   | 1      | 7      |
| 8:30          | 2     | 0       | 0       |        | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 1     | 1     | 3        | 10                  | 0   | 0   | 0   | 0   | 3      | 9      |
| 8:45          | 0     | 0       | 0       | 0      | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     |          | 8                   | 0   | 0   | 0   | 0   | 0      | 7      |
| 9:00          | 4     | 0       | 0       | 4      | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 1     | 1     | 5        | 9                   | 0   | 0   | 0   | 0   | 5      | 9      |
| 9:15          | 1     | 0       | 0       |        | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     |      | 0      | 0     | 0     |          | 9                   | 0   | 0   | 0   | 0   | 1      | 9      |
| 9:30          | 2     | 0       | 0       |        | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 3     | 3     |          | 11                  | 0   | 0   | 0   | 0   | _      | 11     |
| 9:45          | 2     | 0       | 0       | 2      | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | •    | 0      | 1     | 1     | 3        | 14                  | 0   | 0   | 0   | 0   | 3      | 14     |
| 10:00         | 0     | 0       | 0       | 0      | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 1      | 2     | 3     |          | 12                  | 0   | 0   | 0   | 0   | 3      | 12     |
| 10:15         | 1     | 0       | 0       |        | 0    | 0      | 0      | 0     | 0    | 1      | 0     | 1     | 0    | 0      | 2     | 2     |          | 15                  | 0   | 0   | 0   | 0   | 3      | 14     |
| 10:30         | 0     | 0       | 0       |        | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | _        | 10                  | 0   | 0   | 0   | 0   | 0      | 9      |
| 10:45         | 2     | 0       | 0       | 2      | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     |          | 9                   | 0   | 0   | 0   | 0   | 2      | 8      |
| 11:00         | 0     | 0       | 0       | 0      | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 2     | 2     | 2        | 8 *                 | 0   | 0   | 0   | 0   | 2      | 7      |
| 11:15         | 1     | 0       | 0       | 1      | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     |      | 0      | 1     | 1     | 2        | 6 *                 | 0   | 0   | 0   | 0   | 2      | 6      |
| 11:30         | 1     | 0       | 0       |        | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     |      | 0      | 0     | 0     |          | 7 *                 | 0   | 0   | 0   | 0   | 1      | 7      |
| 11:45         | 1     | 0       | 0       | 1      | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 1     | 1     | 2        | 7 +                 | 0   | 0   | 0   | 0   | 2      | 7      |
|               |       |         |         |        |      |        |        |       |      |        |       |       |      |        |       |       |          |                     |     |     |     |     | _      |        |
| Total         | 20    | 1       | 0       | 21     | 0    | 0      | 0      | 0     | 0    | 1      | 0     | 1     | 0    | 1      | 19    | 20    |          |                     | 0   | 0   | 0   | 0   |        | 40     |
| Avg Hr        | 4     | 0       | 0       | 4      | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 4     | 4     | 8        |                     | 0   | 0   | 0   | 0   |        | •      |
|               |       |         |         |        |      |        |        |       |      |        |       |       |      |        |       |       | *        |                     |     |     |     |     |        |        |
| Peak h        | our o | f the i | inters  | ectio  | n    |        |        |       |      |        |       |       |      |        |       |       |          |                     |     |     |     |     | _      |        |
| Pk Hr         | 3     | 0       | 0       | 3      | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 4     | 4     | 7        | *                   | 0   | 0   | 0   | 0   |        | 7      |
| 15x4          | 4     | 0       | 0       | 4      | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 8     | 8     | 8        | +                   | 0   | 0   | 0   | 0   |        | 12     |
| PHF           | 0.75  | n/a     | n/a     | 0.75   | n/a  | n/a    | n/a    | n/a   | n/a  | n/a    | n/a   | n/a   | n/a  | n/a    | 0.50  | 0.50  | 0.88     |                     | n/a | n/a | n/a | n/a |        | 0.58   |
|               |       |         |         |        |      |        |        |       |      |        |       |       |      |        |       |       |          |                     |     |     |     |     | _      |        |
| Peak h        | our o | f con   | flictin | g volu | umes | for th | e inte | rsect | ion  |        |       |       |      |        |       |       |          |                     |     |     |     |     | _      |        |
| Pk Hr         | 3     | 0       | 0       | 3      | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 4     | 4     | 7        | *                   | 0   | 0   | 0   | 0   |        | 7      |
| 15x4          | 4     | 0       | 0       | 4      | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 8     | 8     | 8        | +                   | 0   | 0   | 0   | 0   |        | 12     |
| PHF           | 0.75  | n/a     | n/a     | 0.75   | n/a  | n/a    | n/a    | n/a   | n/a  | n/a    | n/a   | n/a   | n/a  | n/a    | 0.50  | 0.50  | 0.88     |                     | n/a | n/a | n/a | n/a |        | 0.58   |

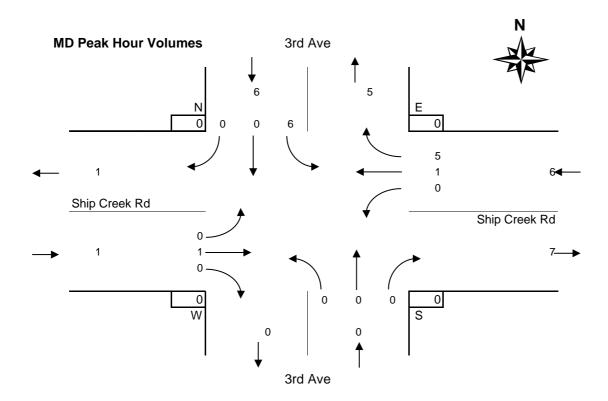
<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*





| Time          |       | 3rd   | Ave     |         |      | 3rd    | Ave     |        | S    | hip C | reek R | Rd    | S    | hip Cr | eek R | Rd    |                   |       |    |      |     |      |      |        |        |
|---------------|-------|-------|---------|---------|------|--------|---------|--------|------|-------|--------|-------|------|--------|-------|-------|-------------------|-------|----|------|-----|------|------|--------|--------|
| Period        | NO    | RTH A | Appro   | ach     | SO   | UTH /  | Appro   | ach    | W    | EST A | Approa | ach   |      | AST A  |       |       | Total V           | olume | ak |      |     |      |      | Cor    | nflict |
| <b>Begins</b> | Left  | Thru  | Right   | Total   | Left | Thru   | Right   | Total  | Left | Thru  | Right  | Total | Left | Thru   | Right | Total | Total V<br>15-min | Hour  | Pe | N    | S   | W    | Е    | 15 min | Hr     |
| 12:00         | 1     | 0     | 0       | 1       | 0    | 0      | 0       | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 2     | 2     | 3                 |       |    | 0    | 0   | 0    | 0    | 3      |        |
| 12:15         | 3     | 0     | 0       | 3       | 0    | 0      | 0       | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 3                 |       |    | 0    | 0   | 0    | 0    | 3      |        |
| 12:30         | 0     | 0     | 0       | 0       | 0    | 0      | 0       | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 |       |    | 0    | 0   | 0    | 0    | 0      |        |
| 12:45         | 1     | 0     | 0       | 1       | 0    | 0      | 0       | 0      | 0    | 0     | 0      | 0     |      |        | 3     | 3     | 4                 | 10    |    | 0    | 0   | 0    | 0    | 4      | 10     |
| 13:00         | 0     | 0     | 0       |         | 0    |        | 0       |        |      | 0     | 0      |       |      |        | 0     | 0     | _                 | 7     |    | 0    | 0   | 0    | 0    | 0      | 7      |
| 13:15         | 2     | 0     | 0       |         | 0    | 0      | 0       |        |      | 0     | 0      |       |      |        | 1     | 1     | 3                 | 7     |    | 0    | 0   | 0    | 0    | 3      | 7      |
| 13:30         | 1     | 0     | 0       | 1       | 0    | 0      | 0       | 0      | 0    | 0     | 0      |       |      |        | 0     |       | 1                 | 8     |    | 0    | 0   | 0    | 0    | 1      | 8      |
| 13:45         | 1     | 0     | 0       |         | 0    |        | 0       | _      |      |       |        |       |      |        | 3     |       |                   | 8     |    | 0    | 0   | 0    | 0    | 4      | 8      |
| 14:00         | 1     | 0     | 0       |         | 0    |        |         |        |      | 0     |        |       |      |        | 2     |       | 3                 |       |    | 0    | 0   | 0    | 0    | 3      | 11     |
| 14:15         | 2     | 0     | 0       |         | 0    |        | 0       |        |      | 0     | 0      |       |      |        | 0     | 0     | 2                 | 10    |    | 0    | 0   | 0    | 0    | 2      | 10     |
| 14:30         | 0     | 0     | 0       |         | 0    | 0      | 0       |        |      | 0     | 0      | 0     |      |        | 1     | 2     | 2                 | 11    | -  | 0    | 0   | 0    | 0    | 2      | 11     |
| 14:45         | 3     | 0     | 0       | 3       | 0    | 0      | 0       | 0      | 0    | 1     | 0      | 1     | 0    | 0      | 2     | 2     | 6                 | 13    | *  | 0    | 0   | 0    | 0    | 5      | 12     |
| n/a           |       |       |         |         |      |        |         |        |      |       |        |       |      |        |       |       |                   |       | Ш  |      |     |      |      |        |        |
| n/a           |       |       |         |         |      |        |         |        |      |       |        |       |      |        |       |       |                   |       | Ш  |      |     |      |      |        |        |
| n/a           |       |       |         |         |      |        |         |        |      |       |        |       |      |        |       |       |                   |       | Ш  |      |     |      |      |        |        |
| n/a           |       |       |         |         |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |      |     |      |      |        |        |
| <b>-</b> I    |       |       |         |         |      |        |         |        |      |       | 1      |       |      |        |       |       |                   | ī     |    |      | -   |      |      |        |        |
| Total         | 15    |       | _       |         |      |        |         |        |      | 1     | 0      |       | 0    |        | 14    |       |                   |       | ŀ  | 0    | 0   | 0    | 0    | L      | 30     |
| Avg Hr        | 5     | 0     | 0       | 5       | 0    | 0      | 0       | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 5     | 5     | 10                |       | L  | 0    | 0   | 0    | 0    |        |        |
| Peak h        | our o | f tha | intors  | octio   | n    |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |      |     |      |      |        |        |
| Pk Hr         | 6     | 0     |         |         |      | 0      | 0       | 0      | 0    | 1     | 0      | 1     | 0    | 1      | 5     | 6     | 13                | *     | ſ  | 0    | 0   | 0    | 0    |        | 12     |
| 15x4          | 12    | 0     | _       |         | 0    |        |         | 0      | 0    | 4     | _      | 1     | 0    |        | 8     |       | 24                | _     | ŀ  | 0    | 0   | 0    | 0    | -      | 24     |
| PHF           | 0.50  | n/a   | n/a     |         | n/a  | n/a    | n/a     | n/a    | n/a  |       | n/a    | 0.25  | n/a  |        | 0.63  | 0.75  | 0.54              | т     | ŀ  | n/a  | n/a | n/a  | n/a  | -      | 0.50   |
| 1 1 11        | 0.50  | II/a  | II/a    | 0.50    | II/a | II/a   | 11/a    | 11/0   | 11/a | 0.23  | II/a   | 0.23  | II/a | 0.23   | 0.03  | 0.75  | 0.54              |       | L  | II/a | Π/a | 11/a | II/a | L      | 0.50   |
| Peak h        | our o | f con | flictin | ıg volu | umes | for th | ne inte | ersect | tion |       |        |       |      |        |       |       |                   |       |    |      |     |      |      |        |        |
| Pk Hr         | 6     | 0     | 0       |         |      |        |         |        |      | 1     | 0      | 1     | 0    | 1      | 5     | 6     | 13                | *     | Γ  | 0    | 0   | 0    | 0    |        | 12     |
| 15x4          | 12    | 0     | 0       | 12      | 0    | 0      | 0       | 0      | 0    | 4     | 0      | 4     | 0    | 4      | 8     | 8     | 24                | +     | ľ  | 0    | 0   | 0    | 0    |        | 24     |
| PHF           | 0.50  | n/a   | n/a     | 0.50    | n/a  | n/a    | n/a     | n/a    | n/a  | 0.25  | n/a    | 0.25  | n/a  | 0.25   | 0.63  | 0.75  | 0.54              |       | Ì  | n/a  | n/a | n/a  | n/a  |        | 0.50   |

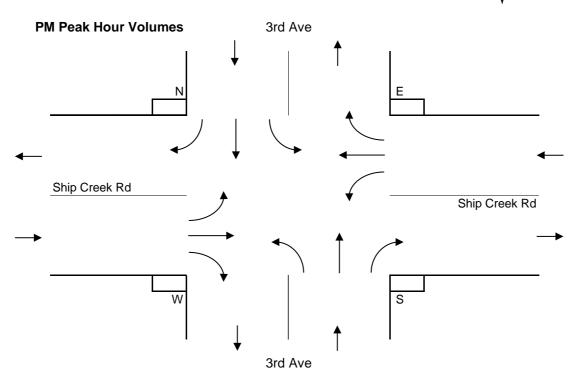
<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*



#### PM Peak Period Dump Trucks

| Time          |       |       | Ave     |        |             |        | Ave            |        |      |      | reek F |       |      | hip Cr | reek R | Rd    |                   |       |    |   |   |   |   |        |        |
|---------------|-------|-------|---------|--------|-------------|--------|----------------|--------|------|------|--------|-------|------|--------|--------|-------|-------------------|-------|----|---|---|---|---|--------|--------|
| Period        | NO    |       | Appro   |        | SO          | UTH.   | Appro          | ach    |      |      | Approa |       | E    | AST A  | pproa  | ach   | Total V           | olume | ak |   |   |   |   | Cor    | nflict |
| <b>Begins</b> | Left  | Thru  | Right   | Total  | Left        | Thru   | Right          | Total  | Left | Thru | Right  | Total | Left | Thru   | Right  | Total | Total V<br>15-min | Hour  | Ье | Ν | S | W | Е | 15 min | Hr     |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
|               |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| Total         |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        | 0      |
| Avg Hr        |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
|               |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| Peak h        | our o | f the | inters  | sectio | n           |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| Pk Hr         |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   | *     |    |   |   |   |   |        | 0      |
| 15x4          |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   | +     |    |   |   |   |   |        | 0      |
| PHF           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        | n/a    |
|               |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       | -  | - |   | - | - | -      |        |
| Peak h        | our o | f con | flictin | ıg vol | <u>umes</u> | for th | <u>ne inte</u> | ersect | ion  |      |        |       |      |        |        |       |                   | •     | _  |   |   |   |   |        |        |
| Pk Hr         |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   | *     |    |   |   |   |   |        | 0      |
| 15x4          |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   | +     |    |   |   |   |   |        | 0      |
| PHF           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       | Ī  |   |   |   |   |        | n/a    |
|               |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   | •     | •  |   |   |   |   | •      |        |





Entire Survey Period 8 Hours

|        |      | 3rd  | Ave   |       |      | 3rd  | Ave   |       | S    | hip C | reek R | ld    | S    | hip Cı | reek R | ld    |        |   |
|--------|------|------|-------|-------|------|------|-------|-------|------|-------|--------|-------|------|--------|--------|-------|--------|---|
|        | NO   | RTH. | Appro | ach   | SO   | UTH  | Appro | ach   | W    | EST A | Approa | ach   | E    | AST A  | pproa  | ich   | Total  |   |
|        | Left | Thru | Right | Total | Left | Thru | Right | Total | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Volume | N |
| Total  | 35   | 1    | 0     | 36    | 0    | 0    | 0     | 0     | 0    | 2     | 0      | 2     | 0    | 2      | 33     | 35    | 73     | C |
| Avg Hı | 4    | 0    | 0     | 5     | 0    | 0    | 0     | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 4      | 4     | 9      | C |

| N | S | W | Е |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

AM Peak Period 5 Hours

|        |                | 3rd  | Ave   |       |      | 3rd   | Ave    |       | S    | hip Cı | eek F  | ₹d    | S    | hip Cı | reek R | ₹d    |        |
|--------|----------------|------|-------|-------|------|-------|--------|-------|------|--------|--------|-------|------|--------|--------|-------|--------|
|        | NORTH Approach |      |       | ach   | SO   | UTH A | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  | Approa | ach   | Total  |
| Totals | Left           | Thru | Right | Total | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right  | Total | Volume |
| Period | 20             | 1    | 0     | 21    | 0    | 0     | 0      | 0     | 0    | 1      | 0      | 1     | 0    | 1      | 19     | 20    | 42     |
| Avg Hr | 4              | 0    | 0     | 4     | 0    | 0     | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 4      | 4     | 8      |

| N | S | W | Е |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

MD Peak Period 3 Hours

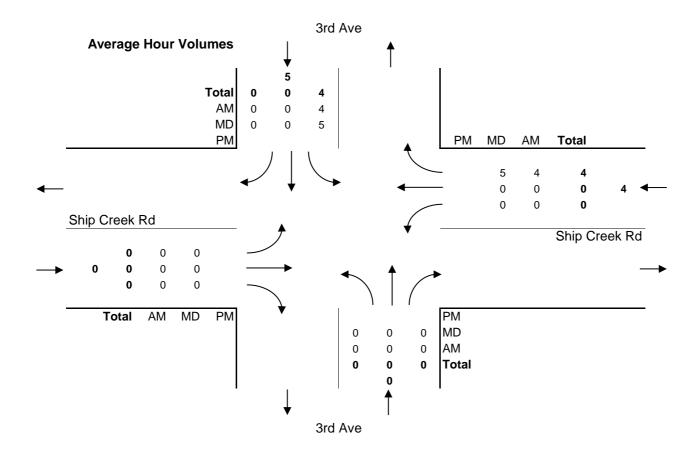
|        |      | 3rd                        | Ave   |       |      | 3rd   | Ave    |       | S    | hip Cı | eek F  | ₹d    | S    | hip Cı | reek R | ₹d    |        |  |
|--------|------|----------------------------|-------|-------|------|-------|--------|-------|------|--------|--------|-------|------|--------|--------|-------|--------|--|
|        | NO   | RTH Approach Thru Right To |       | ach   | SO   | UTH A | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa  | ach   | Total  |  |
| Totals | Left | Thru                       | Right | Total | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right  | Total | Volume |  |
| Total  | 15   | 0                          | 0     | 15    | 0    | 0     | 0      | 0     | 0    | 1      | 0      | 1     | 0    | 1      | 14     | 15    | 31     |  |
| Avg Hr | 5    | 0                          | 0     | 5     | 0    | 0     | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 5      | 5     | 10     |  |

| N | S | W | Е |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

PM Peak Period Hours

|        |      | 3rd           | Ave   |       |      | 3rd   | Ave    |       | S    | hip Cı | eek R  | ₹d    | S    | hip Cı | eek R | ₹d    |        |  |
|--------|------|---------------|-------|-------|------|-------|--------|-------|------|--------|--------|-------|------|--------|-------|-------|--------|--|
|        | NO   | ORTH Approach |       | ach   | SO   | UTH / | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa | ach   | Total  |  |
| Totals | Left | Thru          | Right | Total | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right | Total | Volume |  |
| Total  |      |               |       |       |      |       |        |       |      |        |        |       |      |        |       |       |        |  |
| Avg Hr |      |               |       |       |      |       |        |       |      |        |        |       |      |        |       |       |        |  |

| N | S | W | Е |
|---|---|---|---|
|   |   |   |   |
|   |   |   |   |







# Vehicle Turning Movement Survey With Classification

Major Route:3rd AvenueMinor Route:Ship Creek RoadMunicipality:Port Alberni

Filename: 4-3rd Ave @ Ship Creek Rd-Sep 28, 2017.xlsx

Location #: 4

Date: September 28, 2017

Day-of-week: Thursday

East/West Route: Ship Creek Road

Intersection Type: 4-leg Signalized?: No

Weather: Clear and dry

Vehicle Classifications: Regular Vehicles

Buses

Articulated Trucks
Cube Trucks
Dump Trucks
Emergency Trucks
Garbage Trucks
Logging Trucks

RVs

**Utility Trucks** 

| Shift | Start | End   | Duration |
|-------|-------|-------|----------|
| AM    | 7:00  | 12:00 | 5.00     |
| MD    | 12:00 | 15:00 | 3.00     |
| PM    |       |       |          |
| Total | 7:00  |       | 8.00     |

**Notes:** 24-hour clock used for reporting (15-minute increments)

North Approach - southbound vehicles approaching intersection from the north

15x4 - 15 min volume (from maximum 15 minute period of movement/approach in peak hour period [\*]) x 4

This data is for Emergency Trucks

Pedestrians - N indicates pedestrians crossing north approach (east/west)

#### **Comments:**



### Survey Data Emergency Trucks

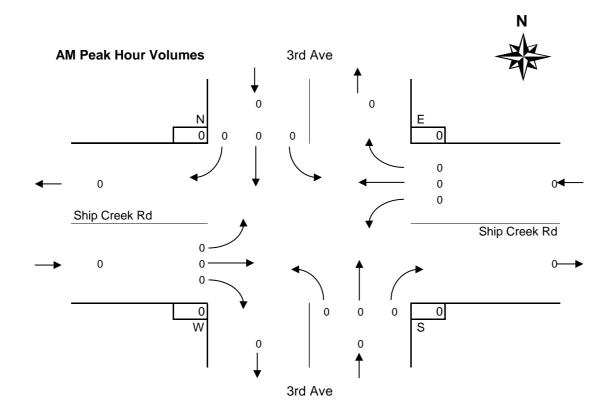
| Time           |   |      | Ave   |       |      | 3rd  | Ave   |       |      | hip Cı |       |       | S    | hip Cı | eek R | Rd    |         |       |                      |   |   |          |   |
|----------------|---|------|-------|-------|------|------|-------|-------|------|--------|-------|-------|------|--------|-------|-------|---------|-------|----------------------|---|---|----------|---|
| Period         |   |      | Appro |       |      |      | Appro |       |      | EST A  |       |       |      |        | pproa |       | Total V | olume | Peak                 |   |   |          |   |
| Begins         |   | Thru | Right | Total | Left | Thru | Right | Total | Left | Thru   | Right | Total | Left | Thru   | Right | Total | 15-min  | Hour  | ď                    | N | S | W        | E |
| 7:00<br>7:15   | 0 | 0    |       | 0     | 0    | 0    | 0     | 0     | 0    | 0      | _     | 0     | 0    | 0      | 0     |       | 0       |       | Н                    | 0 | 0 | 0        | 0 |
| 7:13           | 0 | 0    |       | 0     | 0    | 0    |       |       | 0    | 0      |       |       | 0    | 0      | 0     | 0     | 0       |       | Н                    | 0 | 0 | 0        | 0 |
| 7:45           | 0 | 0    |       | 0     | 0    | 0    |       |       | 0    | 0      |       |       | 0    | 0      | 0     | 0     | 0       | 0     | Н                    | 0 | 0 | 0        | 0 |
| 8:00           | 0 | 0    |       | 0     | 0    | 0    |       |       | 0    | 0      |       | _     | 0    | 0      | 0     |       | 0       | 0     | $\vdash$             | 0 | 0 | 0        | 0 |
| 8:15           | 0 | 0    | 0     | 0     | 0    | 0    |       | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       | 0     |                      | 0 | 0 | 0        | 0 |
| 8:30           | 0 | 0    | 0     | 0     | 0    | 0    | 0     | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       | 0     |                      | 0 | 0 | 0        | 0 |
| 8:45           | 0 | 0    |       | 0     | 0    | 0    |       |       | 0    | 0      |       | _     | 0    | 0      | 0     |       | 0       | 0     | $\vdash$             | 0 | 0 | 0        | 0 |
| 9:00           | 0 | 0    |       | 0     | 0    | 0    |       |       | 0    | 0      |       | _     | 0    | 0      | 0     |       | 0       | 0     | -                    | 0 | 0 | 0        | 0 |
| 9:15<br>9:30   | 0 | 0    |       | 0     | 0    | 0    |       |       | 0    | 0      |       | _     | 0    | 0      | 0     |       | 0       | 0     | _                    | 0 | 0 | 0        | 0 |
| 9:30           | 0 | 0    |       | 0     | 0    | 0    |       |       | 0    | 0      |       | _     | 0    | 0      | 0     |       | 0       | 0     | $\vdash$             | 0 | 0 | 0        | 0 |
| 10:00          | 0 | 0    |       | 0     | 0    | 0    |       |       | 0    | 0      |       | _     | 0    | 0      | 0     |       | 0       | 0     | _                    | 0 | 0 | 0        | 0 |
| 10:15          | 0 | 0    |       | 0     | 0    | 0    |       |       | 0    | 0      |       | _     | 0    | 0      | 0     |       | 0       | 0     | _                    | 0 | 0 | 0        | 0 |
| 10:30          | 0 | 0    |       | 0     | 0    | 0    |       |       | 0    | 0      |       | _     | 0    | 0      | 0     |       | 0       | 0     | $\vdash$             | 0 | 0 | 0        | 0 |
| 10:45          | 0 | 0    |       | 0     | 0    | 0    |       |       | 0    | 0      |       |       | 0    | 0      | 0     |       | 0       | 0     | П                    | 0 | 0 | 0        | 0 |
| 11:00          | 0 | 0    |       | 0     | 0    | 0    |       |       | 0    | 0      |       | _     | 0    | 0      | 0     |       | 0       | 0     | _                    | 0 | 0 | 0        | 0 |
| 11:15          | 0 | 0    |       | 0     | 0    | 0    |       |       | 0    | 0      |       | _     | 0    | 0      | 0     |       | 0       | 0     | _                    | 0 | 0 | 0        | 0 |
| 11:30          | 0 | 0    |       | 0     | 0    | 0    |       |       | 0    | 0      |       | _     | 0    | 0      | 0     |       | 0       | 0     |                      | 0 | 0 | 0        | 0 |
| 11:45          | 0 | 0    |       | 0     | 0    | 0    |       |       | 0    |        |       |       | 0    | 0      | 0     |       | 0       |       | +                    | 0 | 0 | 0        | 0 |
| Total          | 0 | 0    | 0     | 0     | 0    | 0    | 0     | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       |       |                      | 0 | 0 | 0        | 0 |
| 12:00          | 0 | 0    | 0     | 0     | 0    | 0    | 0     | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       |       | П                    | 0 | 0 | 0        | 0 |
| 12:15          | 0 | 0    |       | 0     | 0    | 0    |       |       | 0    | 0      |       |       | 0    | 0      | 0     |       | 0       |       |                      | 0 | 0 | 0        | 0 |
| 12:30          | 0 | 0    |       | 0     | 0    | 0    |       |       | 0    | 0      |       |       | 0    | 0      | 0     |       | 0       |       | П                    | 0 | 0 | 0        | 0 |
| 12:45          | 0 | 0    |       | 0     | 0    | 0    |       | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       | 0     | П                    | 0 | 0 | 0        | 0 |
| 13:00          | 0 | 0    | 0     | 0     | 0    | 0    | 0     | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       | 0     |                      | 0 | 0 | 0        | 0 |
| 13:15          | 0 | 0    |       | 0     | 0    | 0    |       |       | 0    | 0      |       | _     | 0    | 0      | 0     |       | 0       | 0     | _                    | 0 | 0 | 0        | 0 |
| 13:30          | 0 | 0    |       | 0     | 0    | 0    |       |       | 0    | 0      |       | _     | 0    | 0      | 0     |       | 0       | 0     | _                    | 0 | 0 | 0        | 0 |
| 13:45          | 0 | 0    |       | 0     | 0    | 0    |       |       | 0    | 0      |       | _     | 0    | 0      | 0     |       | 0       | 0     | _                    | 0 | 0 | 0        | 0 |
| 14:00<br>14:15 | 0 | 0    |       | 0     | 0    | 0    |       |       | 0    | 0      |       | _     | 0    | 0      | 0     | 0     | 0       | 0     | +                    | 0 | 0 | 0        | 0 |
| 14:30          | 0 |      |       | 0     | 0    | 0    |       |       | 0    |        | _     | _     | 0    | 0      | 0     |       | 0       | 0     | -                    | 0 | 0 | 0        | 0 |
| 14:45          | 0 |      |       |       | 0    |      |       |       | 0    |        |       |       | 0    |        | 0     |       | 0       |       |                      | 0 | 0 | 0        | 0 |
| n/a            |   |      |       |       |      |      |       |       |      |        |       |       |      |        |       |       |         |       |                      |   |   |          |   |
| n/a            |   |      |       |       |      |      |       |       |      |        |       |       |      |        |       |       |         |       |                      |   |   |          |   |
| n/a            |   |      |       |       |      |      |       |       |      |        |       |       |      |        |       |       |         |       |                      |   |   |          |   |
| n/a            |   |      |       |       |      |      |       |       |      |        |       |       |      |        |       |       |         |       |                      |   |   |          |   |
| Total          | 0 | 0    | 0     | 0     | 0    | 0    | 0     | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       |       |                      | 0 | 0 | 0        | 0 |
| n/a            |   |      | I     |       |      |      |       |       |      |        |       |       |      |        |       |       |         |       | П                    | ı | I | 1        | 1 |
| n/a            |   |      |       |       |      |      |       |       |      |        |       |       |      |        |       |       |         |       | Н                    |   |   |          |   |
| n/a            |   |      |       |       |      |      |       |       |      |        |       |       |      |        |       |       |         |       | H                    |   |   | $\dashv$ |   |
| n/a            |   |      |       |       |      |      |       |       |      |        |       |       |      |        |       |       |         |       | П                    |   |   |          |   |
| n/a            |   |      |       |       |      |      |       |       |      |        |       |       |      |        |       |       |         |       |                      |   |   |          |   |
| n/a            |   |      |       |       |      |      |       |       |      |        |       |       |      |        |       |       |         |       | Ц                    |   |   |          |   |
| n/a            |   |      |       |       |      |      |       |       |      |        |       |       |      |        |       |       |         |       | Ц                    |   |   |          |   |
| n/a            |   |      |       |       |      |      |       |       |      |        |       |       |      |        |       |       |         |       | Н                    |   |   |          |   |
| n/a<br>n/a     |   |      |       |       |      |      |       |       |      |        |       |       |      |        |       |       |         |       | Н                    |   |   |          |   |
| n/a            |   |      |       |       |      |      |       |       |      |        |       |       |      |        |       |       |         |       | H                    |   |   | +        |   |
| n/a            |   |      |       |       |      |      |       |       |      |        |       |       |      |        |       |       |         |       | H                    |   |   | +        |   |
| n/a            |   |      |       |       |      |      |       |       |      |        |       |       |      |        |       |       |         |       | H                    |   |   | $\dashv$ |   |
| n/a            |   |      |       |       |      |      |       |       |      |        |       |       |      |        |       |       |         |       | П                    |   |   |          |   |
| n/a            |   |      |       |       |      |      |       |       |      |        |       |       |      |        |       |       |         |       |                      |   |   |          |   |
| n/a            |   |      |       |       |      |      |       |       |      |        |       |       |      |        |       |       |         |       | Ц                    |   |   |          |   |
| n/a            |   |      |       |       |      |      |       |       |      |        |       |       |      |        |       |       |         |       | Ц                    |   |   |          |   |
| n/a            |   |      |       |       |      |      |       |       |      |        |       |       |      |        |       |       |         |       | Н                    |   |   |          |   |
| n/a            |   |      |       |       |      |      |       |       |      |        |       |       |      |        |       |       |         |       | ${oldsymbol{arphi}}$ |   |   |          |   |
| n/a<br>Total   |   |      |       |       |      |      |       |       |      |        |       |       |      |        |       |       |         |       | Н                    |   |   |          |   |
| TOtal          |   |      |       |       |      |      |       |       |      |        |       |       |      |        |       |       |         |       |                      |   |   |          |   |



#### AM Peak Period Emergency Trucks

| Time          |       | 3rd     | Ave    |       |             | 3rd    | Ave    |       | S    | hip Cı | reek R | d     | S    | hip Cr | eek R | .d    |                   |       |    |     |     |     |     |        |        |
|---------------|-------|---------|--------|-------|-------------|--------|--------|-------|------|--------|--------|-------|------|--------|-------|-------|-------------------|-------|----|-----|-----|-----|-----|--------|--------|
| Period        | NO    | RTH A   | Appro  | ach   | SO          | UTH A  | Approa | ach   | W    | EST A  | Approa | ıch   | EA   | AST A  | pproa |       | Total V<br>15-min | olume | ak |     |     |     |     | Cor    | nflict |
| <b>Begins</b> | Left  | Thru    | Right  | Total | Left        | Thru   | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right | Total | 15-min            | Hour  | Pe | N   | S   | W   | Е   | 15 min | Hr     |
| 7:00          | 0     | 0       | 0      | 0     |             | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 |       |    | 0   | 0   | 0   | 0   | 0      |        |
| 7:15          | 0     | 0       | 0      | 0     |             | 0      | 0      | 0     | 0    |        |        | 0     |      | 0      | 0     | 0     | 0                 |       |    | 0   | 0   |     | 0   | 0      |        |
| 7:30          | 0     | 0       | 0      | 0     |             | 0      | 0      | 0     | 0    |        |        | 0     |      | 0      | 0     |       | 0                 |       |    | 0   | 0   |     | 0   | 0      |        |
| 7:45          | 0     | 0       | 0      | 0     |             | 0      | 0      | 0     | 0    | 0      | 0      | 0     |      | 0      | 0     | 0     | 0                 | 0     |    | 0   | 0   | 0   | 0   | 0      | 0      |
| 8:00          | 0     | 0       | 0      | 0     | 0           | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 0     |    | 0   | 0   | 0   | 0   | 0      | 0      |
| 8:15          | 0     | 0       | 0      | 0     | 0           | 0      | 0      | 0     | 0    |        |        | 0     |      | 0      | 0     | 0     | 0                 | 0     |    | 0   | 0   | 0   | 0   | 0      | 0      |
| 8:30          | 0     | 0       | 0      | 0     |             | 0      | 0      | 0     | 0    |        |        | 0     |      | 0      | 0     | 0     | _                 | 0     |    | 0   | 0   | 0   | 0   | 0      | 0      |
| 8:45          | 0     | 0       | 0      | 0     |             | 0      | 0      | 0     | 0    |        |        | 0     |      | 0      | 0     | 0     | _                 | 0     |    | 0   | 0   | 0   | 0   | 0      | 0      |
| 9:00          | 0     | 0       | 0      | 0     | 0           | 0      | 0      | 0     | 0    | 0      | 0      | 0     |      | 0      | 0     | 0     | 0                 | 0     |    | 0   | 0   | 0   | 0   | 0      | 0      |
| 9:15          | 0     | 0       | 0      | 0     |             | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 0     |    | 0   | 0   | 0   | 0   | 0      | 0      |
| 9:30          | 0     | 0       | 0      | 0     | 0           | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 0     |    | 0   | 0   | 0   | 0   | 0      | 0      |
| 9:45          | 0     | 0       | 0      | 0     | 0           | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 0     |    | 0   | 0   | 0   | 0   | 0      | 0      |
| 10:00         | 0     | 0       | 0      | 0     | 0           | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 0     |    | 0   | 0   | 0   | 0   | 0      | 0      |
| 10:15         | 0     | 0       | 0      | 0     |             | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 0     |    | 0   | 0   | 0   | 0   | 0      | 0      |
| 10:30         | 0     | 0       | 0      | 0     |             | 0      | 0      | 0     | 0    |        |        | 0     |      | 0      | 0     | 0     | 0                 | 0     |    | 0   | 0   | 0   | 0   | 0      | 0      |
| 10:45         | 0     | 0       | 0      | 0     | 0           | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 0     |    | 0   | 0   | 0   | 0   | 0      | 0      |
| 11:00         | 0     | 0       | 0      | 0     | 0           | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 0     | *  | 0   | 0   | 0   | 0   | 0      | 0      |
| 11:15         | 0     | 0       | 0      | 0     | 0           | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 0     | *  | 0   | 0   | 0   | 0   | 0      | 0      |
| 11:30         | 0     | 0       | 0      | 0     | 0           | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 0     | *  | 0   | 0   | 0   | 0   | 0      | 0      |
| 11:45         | 0     | 0       | 0      | 0     | 0           | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 0     | +  | 0   | 0   | 0   | 0   | 0      | 0      |
|               |       |         |        |       |             |        |        |       |      |        |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
| Total         | 0     | 0       | 0      | 0     | 0           | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 |       |    | 0   | 0   | 0   | 0   | . [    | 0      |
| Avg Hr        | 0     | 0       | 0      | 0     | 0           | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 |       |    | 0   | 0   | 0   | 0   | -<br>- |        |
|               |       |         |        |       |             |        |        |       |      |        |        |       |      |        |       |       |                   |       | _  |     |     |     |     |        |        |
| Peak h        | our o | f the i | nters  | ectio | n           |        |        |       |      |        |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
| Pk Hr         | 0     | 0       | 0      | 0     | 0           | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | *     | ſ  | 0   | 0   | 0   | 0   |        | 0      |
| 15x4          | 0     | 0       | 0      | 0     | 0           | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | +     | ſ  | 0   | 0   | 0   | 0   |        | 0      |
| PHF           | n/a   | n/a     | n/a    | n/a   | n/a         | n/a    | n/a    | n/a   | n/a  | n/a    | n/a    | n/a   | n/a  | n/a    | n/a   | n/a   | n/a               |       |    | n/a | n/a | n/a | n/a |        | n/a    |
|               |       |         |        |       |             |        |        |       |      |        |        |       |      |        |       |       |                   |       |    |     |     |     |     | _      |        |
| Peak h        | our o | f conf  | lictin | g vol | <u>umes</u> | for th | e inte | rsect | ion  |        |        |       |      |        |       |       |                   |       | _  |     |     |     |     |        |        |
| Pk Hr         | 0     | 0       | 0      | 0     | 0           | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | *     |    | 0   | 0   | 0   | 0   |        | 0      |
| 15x4          | 0     | 0       | 0      | 0     | 0           | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | +     |    | 0   | 0   | 0   | 0   |        | 0      |
| PHF           | n/a   | n/a     | n/a    | n/a   | n/a         | n/a    | n/a    | n/a   | n/a  | n/a    | n/a    | n/a   | n/a  | n/a    | n/a   | n/a   | n/a               |       |    | n/a | n/a | n/a | n/a | . [    | n/a    |

<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*

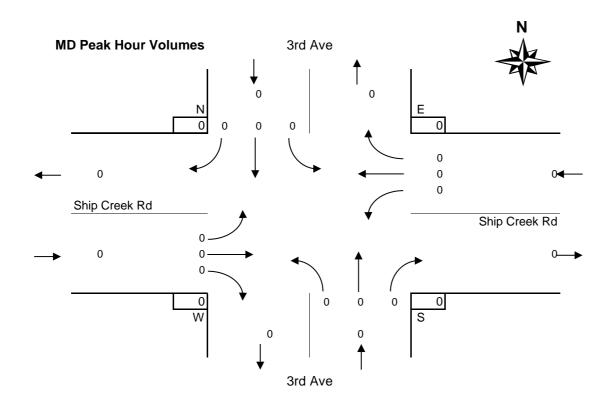




#### MD Peak Period Emergency Trucks

| Time          |       | 3rd     |        |        |      | 3rd    |        |       | S    | hip Cı | eek R  | d     | S    | hip Cr | eek R | :d    |                   |       |    |     |     |     |     |        |        |
|---------------|-------|---------|--------|--------|------|--------|--------|-------|------|--------|--------|-------|------|--------|-------|-------|-------------------|-------|----|-----|-----|-----|-----|--------|--------|
| Period        | NO    | RTH A   | Approa | ach    | SO   | UTH A  | Approa | ach   | W    | EST A  | Approa | ich   | E    | AST A  | pproa | ıch   | Total V<br>15-min | olume | ak |     |     |     |     | Cor    | nflict |
| <b>Begins</b> |       |         | Right  | Total  | Left | Thru   | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right | Total | 15-min            | Hour  | Pe | N   | S   | W   | Е   | 15 min | Hr     |
| 12:00         | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 |       |    | 0   | 0   | 0   | 0   | 0      |        |
| 12:15         | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 |       |    | 0   | 0   | 0   | 0   | 0      |        |
| 12:30         | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 |       |    | 0   | 0   | 0   | 0   | 0      |        |
| 12:45         | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0      |        | 0     | 0    | 0      | 0     |       | 0                 | 0     |    | 0   | 0   | 0   | 0   | 0      | 0      |
| 13:00         | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 0     |    | 0   | 0   | 0   | 0   | 0      | 0      |
| 13:15         | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    |        | 0      | 0     | 0    | 0      | 0     |       | 0                 | 0     | _  | 0   | 0   | 0   | 0   | 0      | 0      |
| 13:30         | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     |      |        |        | 0     |      | 0      | 0     |       | 0                 | 0     | -  | 0   | 0   | 0   | 0   | 0      | 0      |
| 13:45         | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 0     | _  | 0   | 0   | 0   | 0   | 0      | 0      |
| 14:00         | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     |      |        |        | 0     | 0    | 0      | 0     |       | _                 | 0     | _  | 0   | 0   | 0   | 0   | 0      | 0      |
| 14:15         | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0      |        | 0     | 0    | 0      | 0     | _     | 0                 | 0     |    | 0   | 0   | 0   | 0   | 0      | 0      |
| 14:30         | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     |       | 0                 | 0     |    | 0   | 0   | 0   | 0   | 0      | 0      |
| 14:45         | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 0     | *  | 0   | 0   | 0   | 0   | 0      | 0      |
| n/a           |       |         |        |        |      |        |        |       |      |        |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
| n/a           |       |         |        |        |      |        |        |       |      |        |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
| n/a           |       |         |        |        |      |        |        |       |      |        |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
| n/a           |       | J       |        |        |      |        |        |       |      |        |        |       |      |        |       |       |                   |       |    |     | J   |     |     | J      |        |
| T. ( . )      | _     | _       | _      | -      | _    | _      | _      | _     |      | _      | -      | _     |      | _      |       | _     | -                 |       | Г  | -   | _   | -   | _   | г      | -      |
| Total         | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 |       | ŀ  | 0   | 0   | 0   | 0   |        | 0      |
| Avg Hr        | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 |       | L  | 0   | 0   | 0   | 0   |        |        |
| Peak h        | our o | f the i | nters  | ection | 1    |        |        |       |      |        |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
| Pk Hr         | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | *     | Г  | 0   | 0   | 0   | 0   |        | 0      |
| 15x4          | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    |        | 0      | 0     | 0    | 0      | 0     |       | 0                 | +     | ŀ  | 0   | 0   | 0   | 0   |        | 0      |
| PHF           | n/a   | n/a     | n/a    | n/a    | n/a  | n/a    | n/a    | n/a   | n/a  | n/a    | n/a    | n/a   | n/a  | n/a    | n/a   | n/a   | n/a               |       | ľ  | n/a | n/a | n/a | n/a |        | n/a    |
|               |       |         |        |        |      |        |        |       |      |        |        |       |      |        |       |       | , ,               |       | _  |     |     |     |     | L      |        |
| Peak h        | our o | f conf  | lictin | g volu | ımes | for th | e inte | rsect | ion  |        |        |       |      |        |       |       |                   |       | _  |     |     |     |     | _      |        |
| Pk Hr         | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | *     |    | 0   | 0   | 0   | 0   |        | 0      |
| 15x4          | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | +     |    | 0   | 0   | 0   | 0   |        | 0      |
| PHF           | n/a   | n/a     | n/a    | n/a    | n/a  | n/a    | n/a    | n/a   | n/a  | n/a    | n/a    | n/a   | n/a  | n/a    | n/a   | n/a   | n/a               |       |    | n/a | n/a | n/a | n/a |        | n/a    |

<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*

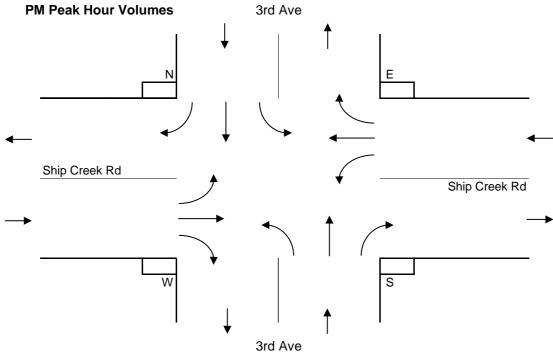




#### PM Peak Period Emergency Trucks

| Time          |       |       | Ave     |        |      |        | Ave     |        |      | hip Cı |        |       | S    | hip Cr | eek R | Rd    |                   |       |    |   |   |   |   |        |        |
|---------------|-------|-------|---------|--------|------|--------|---------|--------|------|--------|--------|-------|------|--------|-------|-------|-------------------|-------|----|---|---|---|---|--------|--------|
| Period        | NO    | RTH.  | Appro   | ach    | SO   | UTH    | Appro   | ach    | W    | EST A  | Approa | ach   | E    | AST A  | pproa | ach   | Total V<br>15-min | olume | ak |   |   |   |   | Cor    | nflict |
| <b>Begins</b> | Left  | Thru  | Right   | Total  | Left | Thru   | Right   | Total  | Left | Thru   | Right  | Total | Left | Thru   | Right | Total | 15-min            | Hour  | Pe | Ν | S | W | Е | 15 min | Hr     |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
|               |       |       | •       | •      |      | •      | •       |        |      | •      |        |       |      |        |       |       |                   |       |    |   |   |   | • | •      |        |
| Total         |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       | ſ  |   |   |   |   |        | 0      |
| Avg Hr        |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       | Ī  |   |   |   |   | •      |        |
|               |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   | •     | •  |   |   |   |   | _      |        |
| Peak h        | our o | f the | inters  | sectio | n    |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| Pk Hr         |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   | *     |    |   |   |   |   |        | 0      |
| 15x4          |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   | +     | l  |   |   |   |   |        | 0      |
| PHF           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       | ı  |   |   |   |   |        | n/a    |
|               |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   | ı     | ı  |   |   |   |   |        |        |
| Peak h        | our o | f con | flictin | ıg vol | umes | for th | ne inte | ersect | ion  |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| Pk Hr         |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   | *     | ſ  |   |   |   |   | [      | 0      |
| 15x4          |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   | +     | l  |   |   |   |   |        | 0      |
| PHF           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |        | n/a    |
|               |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   | I     | L  |   |   |   |   |        |        |





Entire Survey Period 8 Hours

|        |      | 3rd  | Ave   |       |      | 3rd   | Ave   |       | S    | hip C | reek R | ld    | S    | hip Cı | eek R | ₹d    |        |   |
|--------|------|------|-------|-------|------|-------|-------|-------|------|-------|--------|-------|------|--------|-------|-------|--------|---|
|        | NO   | RTH  | Appro | ach   | SO   | UTH / | Appro | ach   | W    | EST A | Approa | ach   | E    | AST A  | pproa | ach   | Total  |   |
|        | Left | Thru | Right | Total | Left | Thru  | Right | Total | Left | Thru  | Right  | Total | Left | Thru   | Right | Total | Volume | N |
| Total  | 0    | 0    | 0     | 0     | 0    | 0     | 0     | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0      |   |
| Avg Hr | 0    | 0    | 0     | 0     | 0    | 0     | 0     | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0      |   |

| N | S | W | Е |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

AM Peak Period 5 Hours

|                | 3rd Ave |      |       |       | 3rd    | Ave  |               | S     | hip Cı | reek R        | ₹d    | S     | hip Cı | reek R | ₹d    |       |        |
|----------------|---------|------|-------|-------|--------|------|---------------|-------|--------|---------------|-------|-------|--------|--------|-------|-------|--------|
| NORTH Approach |         |      | SO    | UTH A | Approa | ach  | WEST Approach |       |        | EAST Approach |       |       |        | Total  |       |       |        |
| Totals         | Left    | Thru | Right | Total | Left   | Thru | Right         | Total | Left   | Thru          | Right | Total | Left   | Thru   | Right | Total | Volume |
| Period         | 0       | 0    | 0     | 0     | 0      | 0    | 0             | 0     | 0      | 0             | 0     | 0     | 0      | 0      | 0     | 0     | 0      |
| Avg Hr         | 0       | 0    | 0     | 0     | 0      | 0    | 0             | 0     | 0      | 0             | 0     | 0     | 0      | 0      | 0     | 0     | 0      |

| Ν | S | W | Е |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

MD Peak Period 3 Hours

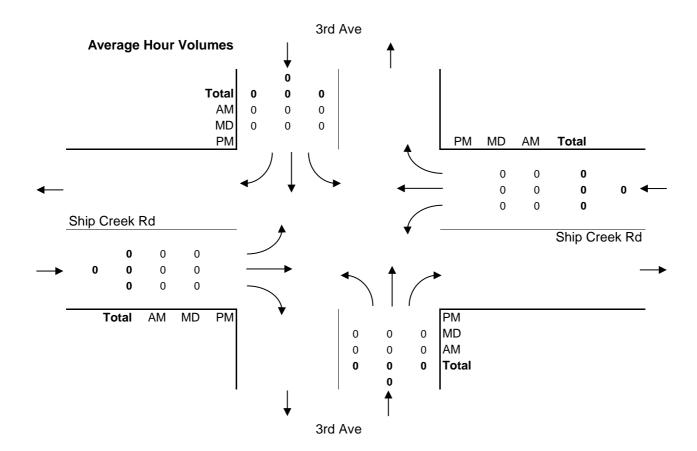
|                | 3rd Ave |      |       |       | 3rd    | Ave  |               | Ship Creek Rd |      |               |       | Ship Creek Rd |      |       |       |       |        |
|----------------|---------|------|-------|-------|--------|------|---------------|---------------|------|---------------|-------|---------------|------|-------|-------|-------|--------|
| NORTH Approach |         |      | SO    | UTH A | Approa | ach  | WEST Approach |               |      | EAST Approach |       |               |      | Total |       |       |        |
| Totals         | Left    | Thru | Right | Total | Left   | Thru | Right         | Total         | Left | Thru          | Right | Total         | Left | Thru  | Right | Total | Volume |
| Total          | 0       | 0    | 0     | 0     | 0      | 0    | 0             | 0             | 0    | 0             | 0     | 0             | 0    | 0     | 0     | 0     | 0      |
| Avg Hr         | 0       | 0    | 0     | 0     | 0      | 0    | 0             | 0             | 0    | 0             | 0     | 0             | 0    | 0     | 0     | 0     | 0      |

| N | S | W | Е |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

PM Peak Period Hours

|        | 3rd Ave        |      |       |                | 3rd  | Ave  |               | Ship Creek Rd |      |               |       | Ship Creek Rd |      |       |       |       |        |  |
|--------|----------------|------|-------|----------------|------|------|---------------|---------------|------|---------------|-------|---------------|------|-------|-------|-------|--------|--|
|        | NORTH Approach |      |       | SOUTH Approach |      |      | WEST Approach |               |      | EAST Approach |       |               |      | Total |       |       |        |  |
| Totals | Left           | Thru | Right | Total          | Left | Thru | Right         | Total         | Left | Thru          | Right | Total         | Left | Thru  | Right | Total | Volume |  |
| Total  |                |      |       |                |      |      |               |               |      |               |       |               |      |       |       |       |        |  |
| Avg Hr |                |      |       |                |      |      |               |               |      |               |       |               |      |       |       |       |        |  |

| N | S | W | Е |
|---|---|---|---|
|   |   |   |   |
|   |   |   |   |







# Vehicle Turning Movement Survey With Classification

Major Route:3rd AvenueMinor Route:Ship Creek RoadMunicipality:Port Alberni

Filename: 4-3rd Ave @ Ship Creek Rd-Sep 28, 2017.xlsx

Location #: 4

Date: September 28, 2017

Day-of-week: Thursday

East/West Route: Ship Creek Road

Intersection Type: 4-leg Signalized?: No

Weather: Clear and dry

Vehicle Classifications: Regular Vehicles

Buses

Articulated Trucks
Cube Trucks
Dump Trucks
Emergency Trucks
Garbage Trucks
Logging Trucks

RVs

**Utility Trucks** 

| Shift | Start | End   | Duration |
|-------|-------|-------|----------|
| AM    | 7:00  | 12:00 | 5.00     |
| MD    | 12:00 | 15:00 | 3.00     |
| PM    |       |       |          |
| Total | 7:00  |       | 8.00     |

**Notes:** 24-hour clock used for reporting (15-minute increments)

North Approach - southbound vehicles approaching intersection from the north

15x4 - 15 min volume (from maximum 15 minute period of movement/approach in peak hour period [\*]) x 4

This data is for Garbage Trucks

Pedestrians - N indicates pedestrians crossing north approach (east/west)

#### **Comments:**



### Survey Data Garbage Trucks

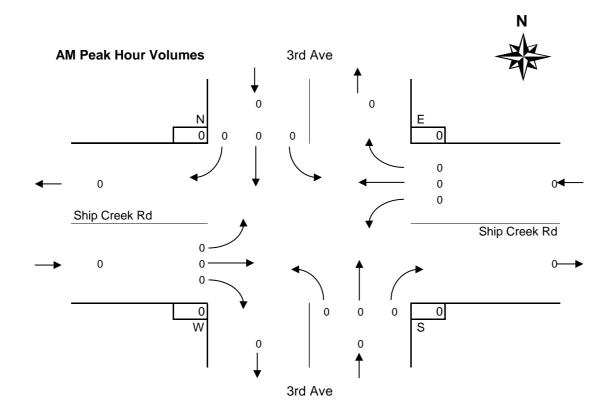
| Time          |      | 3rd  | Ave   |       |      | 3rd   | Ave    |       | SI   | hip Cr | eek R | .d    | SI   | nip Cr | eek R | .d    |         |       |           |   |   |                   |             |
|---------------|------|------|-------|-------|------|-------|--------|-------|------|--------|-------|-------|------|--------|-------|-------|---------|-------|-----------|---|---|-------------------|-------------|
| Period        | NO   | RTH. | Appro | ach   | SO   | UTH / | Approa | ach   | WI   | EST A  | pproa | ach   | EA   | AST A  | pproa | ch    | Total V | olume | Peak      |   |   |                   |             |
| <b>Begins</b> | Left | Thru | Right | Total | Left | Thru  | Right  | Total | Left | Thru   | Right | Total | Left | Thru   | Right | Total | 15-min  | Hour  | Pe        | N | S | W                 | Е           |
| 7:00          | 0    | 0    | 0     | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       |       |           | 0 | 0 | 0                 | 0           |
| 7:15          | 0    | 0    | 0     | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       |       |           | 0 | 0 | 0                 | 0           |
| 7:30          | 0    | 0    | 0     | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       |       |           | 0 | 0 | 0                 | 0           |
| 7:45          | 0    | 1    | 0     | 1     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 1       | 1     | П         | 0 | 0 | 0                 | 0           |
| 8:00          | 0    | 0    | 0     | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       | 1     |           | 0 | 0 | 0                 | 0           |
| 8:15          | 0    | 0    | 0     | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       | 1     |           | 0 | 0 | 0                 | 0           |
| 8:30          | 0    | 0    | 0     | 0     | 0    | 1     | 0      | 1     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 1       | 2     | П         | 0 | 0 | 0                 | 0           |
| 8:45          | 1    | 0    |       | 1     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 1       | 2     |           | 0 | 0 | 0                 | 0           |
| 9:00          | 0    |      |       | 0     | 0    | 0     |        | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 1     | 1     | 1       | 3     | _         | 0 | 0 | 0                 | 0           |
| 9:15          | 0    |      |       | 0     | 0    | 0     |        | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       | 3     |           | 0 | 0 | 0                 | 0           |
| 9:30          | 0    |      |       | 0     | 0    | 0     |        | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       | 2     | _         | 0 | 0 | 0                 | 0           |
| 9:45          | 0    |      |       | 0     | 0    | 0     |        | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       | 1     | -         | 0 | 0 | 0                 | 0           |
| 10:00         | 0    |      |       | 0     | 0    | 0     |        | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       | 0     | -         | 0 | 0 | 0                 | 0           |
| 10:15         | 0    |      |       | 0     | 0    | 0     |        | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       | 0     | _         | 0 | 0 | 0                 | 0           |
| 10:13         |      |      |       | 0     |      | 0     |        | 0     |      |        |       | _     |      |        | 0     |       | 0       |       | _         |   |   |                   |             |
|               | 0    |      |       |       | 0    |       |        |       | 0    | 0      | 0     | 0     | 0    | 0      |       | 0     |         | 0     | -         | 0 | 0 | 0                 | 0           |
| 10:45         | 0    |      |       | 0     | 0    | 0     |        | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       | 0     | -         | 0 | 0 | 0                 | 0           |
| 11:00         | 0    |      |       | 0     | 0    | 0     |        | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       | 0     | -         | 0 | 0 | 0                 | 0           |
| 11:15         | 0    |      |       | 0     | 0    | 0     |        | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       | 0     | -         | 0 | 0 | 0                 | 0           |
| 11:30         | 0    |      |       | 0     | 0    | 0     |        | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       | 0     |           | 0 | 0 | 0                 | 0           |
| 11:45         | 0    |      |       | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       |       | +         | 0 | 0 | 0                 | 0           |
| Total         | 1    | 1    | 0     | 2     | 0    | 1     | 0      | 1     | 0    | 0      | 0     | 0     | 0    | 0      | 1     | 1     | 4       |       |           | 0 | 0 | 0                 | 0           |
|               |      |      |       |       |      |       |        |       |      |        |       |       |      |        |       |       |         |       |           |   |   |                   |             |
| 12:00         | 0    |      |       | 0     | 0    | 0     |        | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       |       | Ш         | 0 | 0 | 0                 | 0           |
| 12:15         | 0    | 0    | 0     | 0     | 0    | 1     | 0      | 1     | 0    | 0      | 0     | 0     | 1    | 0      | 0     | 1     | 2       |       |           | 0 | 0 | 0                 | 0           |
| 12:30         | 0    | 0    | 0     | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 1     | 1     | 1       |       |           | 0 | 0 | 0                 | 0           |
| 12:45         | 0    | 0    | 0     | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       | 3     |           | 0 | 0 | 0                 | 0           |
| 13:00         | 0    | 0    | 0     | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       | 3     |           | 0 | 0 | 0                 | 0           |
| 13:15         | 0    | 0    | 0     | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       | 1     | П         | 0 | 0 | 0                 | 0           |
| 13:30         | 0    | 0    | 0     | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       | 0     | П         | 0 | 0 | 0                 | 0           |
| 13:45         | 0    | 0    | 0     | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       | 0     |           | 0 | 0 | 0                 | 0           |
| 14:00         | 0    | 0    |       | 0     | 0    | 0     |        | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       | 0     | *         | 0 | 0 | 0                 | 0           |
| 14:15         | 0    |      |       | 0     | 0    | 0     |        | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       | _     | +         | 0 | 0 | 0                 | 0           |
| 14:30         | 0    |      |       | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       | 0     | _         | 0 | 0 | 0                 | 0           |
| 14:45         | 0    | 0    |       | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0    | 0      | 0     | 0     | 0       | 0     |           | 0 | 0 | 0                 | 0           |
| n/a           |      |      | Ŭ     |       |      | -     |        |       |      |        |       |       | Ŭ    |        |       |       | •       | J     | H         | Ť | Ŭ | Ť                 | $\dashv$    |
| n/a           |      |      |       |       |      |       |        |       |      |        |       |       |      |        |       |       |         |       | H         |   |   |                   |             |
| n/a           |      |      |       |       |      |       |        | -     |      |        |       |       |      |        |       |       |         |       | Н         |   |   | $\rightarrow$     |             |
| n/a           |      |      |       |       |      |       |        |       |      |        |       |       |      |        |       |       |         |       | Н         |   |   | -                 |             |
| Total         | 0    | 0    | 0     | 0     | 0    | 4     | 0      | 1     | 0    | 0      | 0     |       | 1    | 0      | 1     |       | 2       |       | Н         | 0 | 0 | 0                 | 0           |
| Total         | U    | U    | U     | U     | U    | 1     | 0      | - 1   | U    | U      | U     | 0     | ı,   | U      | ı     | 2     | 3       |       |           | U | U | 0                 | 0           |
| n/o           |      |      |       |       |      |       |        |       | 1    |        |       |       | -    |        |       |       |         |       |           | 1 |   | $\overline{}$     |             |
| n/a           |      |      |       |       |      |       |        |       |      |        |       |       |      |        |       |       |         |       | Н         |   |   |                   |             |
| n/a           |      |      |       |       |      |       |        |       |      |        |       |       |      |        |       |       |         |       | H         | - |   |                   |             |
| n/a           |      |      |       |       |      |       |        |       |      |        |       |       |      |        |       |       |         |       | Н         | - |   |                   |             |
| n/a           |      |      |       |       |      |       |        |       |      |        |       |       |      |        |       |       |         |       | Н         |   |   |                   |             |
| n/a           |      |      |       |       |      |       |        |       |      |        |       |       |      |        |       |       |         |       | Н         |   |   |                   |             |
| n/a           |      |      |       |       |      |       |        |       |      |        |       |       |      |        |       |       |         |       | Н         |   |   |                   |             |
| n/a           |      |      |       |       |      |       |        |       |      |        |       |       |      |        |       |       |         |       | Ш         |   |   |                   |             |
| n/a           |      |      |       |       |      |       |        |       |      |        |       |       |      |        |       |       |         |       | Ш         |   |   |                   |             |
| n/a           |      |      |       |       |      |       |        |       |      |        |       |       |      |        |       |       |         |       | Ш         |   |   |                   |             |
| n/a           | _    |      |       |       |      |       |        |       |      |        | _     |       |      |        | _     |       |         |       | Ш         |   |   |                   |             |
| n/a           |      |      |       |       |      |       |        |       |      |        |       |       |      |        |       |       |         |       | $\coprod$ |   |   |                   |             |
| n/a           |      |      |       |       |      |       |        |       |      |        |       |       |      |        |       |       |         |       |           |   |   |                   |             |
| n/a           |      |      |       |       |      |       |        |       |      |        |       |       |      |        |       |       |         |       |           |   |   |                   |             |
| n/a           |      |      |       |       |      |       |        |       |      |        |       |       |      |        |       |       |         |       |           |   |   |                   |             |
| n/a           |      |      |       |       |      |       |        |       |      |        |       |       |      |        |       |       |         |       | П         |   |   |                   | $\neg \neg$ |
| n/a           |      |      |       |       |      |       |        |       |      |        |       |       |      |        |       |       |         |       | П         |   |   |                   |             |
| n/a           |      |      |       |       |      |       |        |       |      |        |       |       |      |        |       |       |         |       | Н         |   |   | <del></del>       |             |
| n/a           |      |      |       |       |      |       |        |       |      |        |       |       |      |        |       |       |         |       | H         |   |   | $\longrightarrow$ |             |
| n/a           |      |      |       |       |      |       |        |       |      |        |       |       |      |        |       |       |         |       | Н         |   |   |                   |             |
| n/a           |      |      |       |       |      |       |        |       |      |        |       |       |      |        |       |       |         |       | Н         |   |   | <del></del>       |             |
|               |      |      |       |       |      |       |        |       |      |        |       |       |      |        |       |       |         |       | Н         |   |   |                   |             |
| Total         |      |      |       |       |      |       |        |       |      |        |       |       |      |        |       |       |         |       |           |   |   |                   |             |



#### AM Peak Period Garbage Trucks

| Time          |       | 3rd     | Ave     |       |      | 3rd    | Ave    |       | S    | hip C | reek R | d     | S    | hip Cr | eek R | .d    |                   |       |    |     |     |     |     |        |        |
|---------------|-------|---------|---------|-------|------|--------|--------|-------|------|-------|--------|-------|------|--------|-------|-------|-------------------|-------|----|-----|-----|-----|-----|--------|--------|
| Period        | NO    | RTH A   | Appro   | ach   | SO   | UTH A  | Approa | ach   | W    | EST A | Approa | ıch   | EA   | AST A  | pproa |       | Total V<br>15-min | olume | ak |     |     |     |     | Cor    | nflict |
| <b>Begins</b> | Left  | Thru    | Right   | Total | Left | Thru   | Right  | Total | Left | Thru  | Right  | Total | Left | Thru   | Right | Total | 15-min            | Hour  | Pe | N   | S   | W   | Е   | 15 min | Hr     |
| 7:00          | 0     | 0       | 0       | 0     | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 |       |    | 0   | 0   | 0   | 0   | 0      |        |
| 7:15          | 0     | 0       | 0       |       | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 |       |    | 0   | 0   | 0   | 0   | 0      |        |
| 7:30          | 0     | 0       | 0       | 0     | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 |       |    | 0   | 0   | 0   | 0   | 0      |        |
| 7:45          | 0     | 1       | 0       | 1     | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 1                 | 1     |    | 0   | 0   | 0   | 0   | 1      | 1      |
| 8:00          | 0     | 0       | 0       | 0     | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 1     |    | 0   | 0   | 0   | 0   | 0      | 1      |
| 8:15          | 0     | 0       | 0       | 0     | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 1     |    | 0   | 0   | 0   | 0   | 0      | 1      |
| 8:30          | 0     | 0       | 0       | 0     | 0    | 1      | 0      | 1     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 1                 | 2     |    | 0   | 0   | 0   | 0   | 1      | 2      |
| 8:45          | 1     | 0       | 0       | 1     | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     |      | 0      | 0     | 0     | 1                 | 2     |    | 0   | 0   | 0   | 0   | 1      | 2      |
| 9:00          | 0     | 0       | 0       | 0     | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 1     | 1     | 1                 | 3     |    | 0   | 0   | 0   | 0   | 1      | 3      |
| 9:15          | 0     | 0       | 0       |       |      | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 3     |    | 0   | 0   | 0   | 0   | 0      | 3      |
| 9:30          | 0     | 0       | 0       | 0     | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 2     |    | 0   | 0   | 0   | 0   | 0      | 2      |
| 9:45          | 0     | 0       | 0       |       |      | 0      | 0      | 0     | 0    | 0     | 0      | 0     |      | 0      | 0     | 0     | 0                 | 1     |    | 0   | 0   | 0   | 0   | 0      | 1      |
| 10:00         | 0     | 0       | 0       |       |      | 0      | 0      | 0     | 0    | 0     | 0      | 0     |      | 0      | 0     | 0     | 0                 | 0     |    | 0   | 0   | 0   | 0   | 0      | 0      |
| 10:15         | 0     | 0       | 0       |       |      | 0      | 0      | 0     |      |       |        | 0     |      | 0      | 0     | 0     | 0                 | 0     |    | 0   | 0   | 0   | 0   | 0      | 0      |
| 10:30         | 0     | 0       | 0       |       |      | 0      | 0      | 0     |      |       |        | 0     |      | 0      | 0     | 0     | 0                 | 0     |    | 0   | 0   | 0   | 0   | 0      | 0      |
| 10:45         | 0     | 0       | 0       |       |      | 0      | 0      | 0     | 0    |       |        | 0     |      | 0      | 0     | 0     | 0                 | 0     |    | 0   | 0   | 0   | 0   | 0      | 0      |
| 11:00         | 0     | 0       | 0       |       |      | 0      | 0      | 0     | 0    | 0     | 0      | 0     |      | 0      | 0     | 0     | 0                 | 0     | *  | 0   | 0   | 0   | 0   | 0      | 0      |
| 11:15         | 0     | 0       | 0       |       |      | 0      | 0      | 0     |      | _     |        | 0     |      | 0      | 0     | 0     | 0                 | 0     | *  | 0   | 0   | 0   | 0   | 0      | 0      |
| 11:30         | 0     | 0       | 0       |       |      |        | 0      | 0     | 0    |       |        | 0     |      | 0      | 0     |       | 0                 | 0     | *  | 0   | 0   | 0   | 0   | 0      | 0      |
| 11:45         | 0     | 0       | 0       | 0     | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 0     | +  | 0   | 0   | 0   | 0   | 0      | 0      |
|               |       |         |         |       |      |        |        |       |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
| Total         | 1     | 1       | 0       | 2     | 0    | 1      | 0      | 1     | 0    |       |        | 0     |      | 0      | 1     | 1     | 4                 |       | Į  | 0   | 0   | 0   | 0   |        | 3      |
| Avg Hr        | 0     | 0       | 0       | 0     | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 1                 |       | Ĺ  | 0   | 0   | 0   | 0   |        |        |
|               |       |         |         |       |      |        |        |       |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
| Peak h        | our o | f the i | inters  | ectio | n    |        |        |       |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     | _      |        |
| Pk Hr         | 0     | 0       | 0       | 0     | _    | 0      | 0      | 0     | 0    |       |        | 0     | 0    | 0      | 0     | 0     | 0                 | *     | Į  | 0   | 0   | 0   | 0   |        | 0      |
| 15x4          | 0     | 0       | 0       | 0     | 0    | 0      | 0      | 0     |      | 0     | 0      | 0     | _    | 0      | 0     | 0     | 0                 | +     | Į  | 0   | 0   | 0   | 0   |        | 0      |
| PHF           | n/a   | n/a     | n/a     | n/a   | n/a  | n/a    | n/a    | n/a   | n/a  | n/a   | n/a    | n/a   | n/a  | n/a    | n/a   | n/a   | n/a               |       | Į  | n/a | n/a | n/a | n/a |        | n/a    |
|               |       |         |         |       |      |        |        |       |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
| Peak h        | our o | f conf  | flictin | g vol | umes | for th | e inte | rsect | ion  |       |        |       |      |        | -     |       |                   |       |    |     |     |     |     |        |        |
| Pk Hr         | 0     | 0       | 0       | 0     | _    |        | 0      | 0     | 0    |       |        | 0     | 0    | 0      | 0     | 0     | 0                 | *     |    | 0   | 0   | 0   | 0   |        | 0      |
| 15x4          | 0     | 0       | 0       | 0     | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | +     |    | 0   | 0   | 0   | 0   |        | 0      |
| PHF           | n/a   | n/a     | n/a     | n/a   | n/a  | n/a    | n/a    | n/a   | n/a  | n/a   | n/a    | n/a   | n/a  | n/a    | n/a   | n/a   | n/a               |       |    | n/a | n/a | n/a | n/a |        | n/a    |

<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*

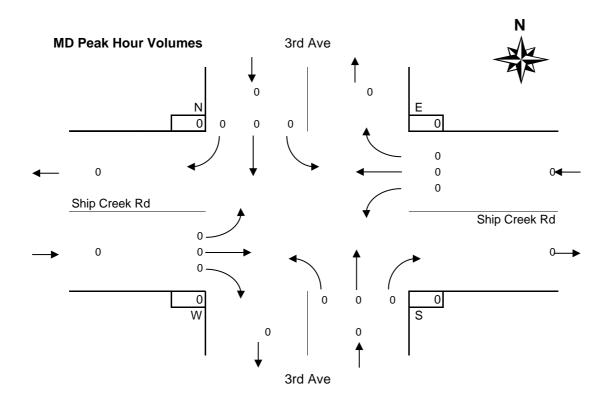




#### MD Peak Period Garbage Trucks

| Time          |       | 3rd   |         |        |      | 3rd    | Ave    |       | S    | hip C | reek R | .d    | S    | hip Cr | eek R | ?d    |                   |       |    |     |     |     |     |        |        |
|---------------|-------|-------|---------|--------|------|--------|--------|-------|------|-------|--------|-------|------|--------|-------|-------|-------------------|-------|----|-----|-----|-----|-----|--------|--------|
| Period        | NO    | RTH / | Approa  | ach    | SO   | UTH /  | Approa | ach   | W    | EST A | Approa | ach   | E    | AST A  | pproa | ach   | Total V<br>15-min | olume | ak |     |     |     |     | Cor    | nflict |
| <b>Begins</b> | Left  | Thru  | Right   | Total  | Left | Thru   | Right  | Total | Left | Thru  | Right  | Total | Left | Thru   | Right | Total | 15-min            | Hour  | Pe | N   | S   | W   | Е   | 15 min | Hr     |
| 12:00         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 |       |    | 0   | 0   | 0   | 0   | 0      |        |
| 12:15         | 0     | 0     | 0       | 0      | 0    | 1      | 0      | 1     | 0    | 0     | 0      | 0     | 1    | 0      | 0     | 1     | 2                 |       |    | 0   | 0   | 0   | 0   | 2      |        |
| 12:30         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 1     | 1     | 1                 |       |    | 0   | 0   | 0   | 0   | 1      |        |
| 12:45         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 3     |    | 0   | 0   | 0   | 0   | 0      | 3      |
| 13:00         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 3     |    | 0   | 0   | 0   | 0   | 0      | 3      |
| 13:15         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 1     |    | 0   | 0   | 0   | 0   | 0      | 1      |
| 13:30         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 0     |    | 0   | 0   | 0   | 0   | 0      | 0      |
| 13:45         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 0     |    | 0   | 0   | 0   | 0   | 0      | 0      |
| 14:00         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 0     | *  | 0   | 0   | 0   | 0   | 0      | 0      |
| 14:15         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 0     | +  | 0   | 0   | 0   | 0   | 0      | 0      |
| 14:30         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 0     | *  | 0   | 0   | 0   | 0   | 0      | 0      |
| 14:45         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 0     | *  | 0   | 0   | 0   | 0   | 0      | 0      |
| n/a           |       |       |         |        |      |        |        |       |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
| n/a           |       |       |         |        |      |        |        |       |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
| n/a           |       |       |         |        |      |        |        |       |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
| n/a           |       |       |         |        |      |        |        |       |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
|               |       |       |         |        |      |        |        |       |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     | -      | -      |
| Total         | 0     | 0     | 0       | 0      | 0    | 1      | 0      | 1     | 0    | 0     | 0      | 0     | 1    | 0      | 1     | 2     | 3                 |       | Γ  | 0   | 0   | 0   | 0   |        | 2      |
| Avg Hr        | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 1     | 1                 |       | Γ  | 0   | 0   | 0   | 0   |        |        |
|               |       |       |         |        |      |        |        |       |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
| Peak h        | our o | f the | inters  | ection | n    |        |        |       |      |       |        |       |      |        |       |       |                   |       | _  |     |     |     |     | _      |        |
| Pk Hr         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | *     |    | 0   | 0   | 0   | 0   |        | 0      |
| 15x4          | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | +     |    | 0   | 0   | 0   | 0   |        | 0      |
| PHF           | n/a   | n/a   | n/a     | n/a    | n/a  | n/a    | n/a    | n/a   | n/a  | n/a   | n/a    | n/a   | n/a  | n/a    | n/a   | n/a   | n/a               |       |    | n/a | n/a | n/a | n/a |        | n/a    |
|               |       |       |         |        |      |        |        |       |      |       |        |       |      |        |       |       |                   |       |    |     |     | -   |     | _      |        |
| Peak h        | our o | f con | flictin | g volu | ımes | for th | e inte | rsect | ion  |       |        |       |      |        |       |       |                   |       | _  |     |     |     |     |        |        |
| Pk Hr         | 0     | 0     | v       | 0      | 0    | 0      | 0      | 0     |      |       |        | 0     | 0    | 0      | 0     | 0     | 0                 | *     |    | 0   | 0   | 0   | 0   | Ĺ      | 0      |
| 15x4          | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | +     |    | 0   | 0   | 0   | 0   | Ĺ      | 0      |
| PHF           | n/a   | n/a   | n/a     | n/a    | n/a  | n/a    | n/a    | n/a   | n/a  | n/a   | n/a    | n/a   | n/a  | n/a    | n/a   | n/a   | n/a               |       |    | n/a | n/a | n/a | n/a |        | n/a    |

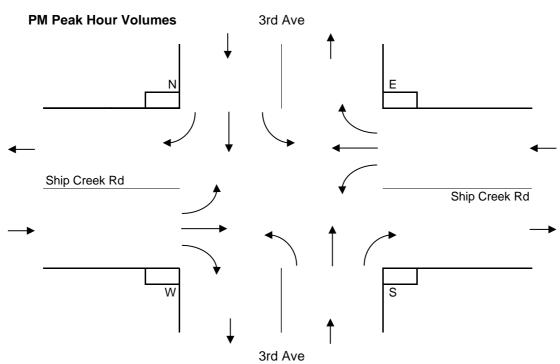
<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*



#### PM Peak Period Garbage Trucks

| Time          |       |       | Ave     |       |      |        | Ave     |        |      |       | reek F |       |      | hip Cr |       |       | ]                 |       |    |   |   |   |   |        |        |
|---------------|-------|-------|---------|-------|------|--------|---------|--------|------|-------|--------|-------|------|--------|-------|-------|-------------------|-------|----|---|---|---|---|--------|--------|
| Period        | NO    | RTH   | Appro   | ach   | SO   | UTH    | Appro   | ach    | W    | EST A | Approa | ach   | E    | AST A  | pproa | ich   | Total V<br>15-min | olume | ak |   |   |   |   | Cor    | nflict |
| <b>Begins</b> | Left  | Thru  | Right   | Total | Left | Thru   | Right   | Total  | Left | Thru  | Right  | Total | Left | Thru   | Right | Total | 15-min            | Hour  | Pe | Ν | S | W | Е | 15 min | Hr     |
| n/a           |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
|               |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       | ,                 |       |    |   |   |   |   |        |        |
| Total         |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        | 0      |
| Avg Hr        |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| Peak h        | our o | f the | inters  | ectio | n    |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| Pk Hr         | - C   |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   | *     |    |   |   |   |   |        | 0      |
| 15x4          |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   | +     |    |   |   |   |   | •      | 0      |
| PHF           |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   | т     |    |   |   |   |   |        | n/a    |
| FIII          |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        | II/a   |
| Peak h        | our o | f con | flictin | g vol | umes | for th | ne inte | ersect | ion  |       |        |       |      |        |       |       |                   | •     | ı  |   |   |   |   |        |        |
| Pk Hr         |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   | *     |    |   |   |   |   |        | 0      |
| 15x4          |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   | +     |    |   |   |   |   |        | 0      |
| PHF           |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        | n/a    |
|               |       |       |         |       |      |        |         |        |      |       |        |       |      |        |       |       | ·                 |       |    |   |   | _ |   | _      | _      |





Entire Survey Period 8 Hours

|        |      | 3rd  | Ave   |       |      | 3rd   | Ave   |       | S    | hip Cı | eek R  | ld    | S    | hip Cı | reek R | ld    |        |   |   |   |
|--------|------|------|-------|-------|------|-------|-------|-------|------|--------|--------|-------|------|--------|--------|-------|--------|---|---|---|
|        | NO   | RTH  | Appro | ach   | SO   | UTH / | Appro | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa  | ich   | Total  |   |   |   |
|        | Left | Thru | Right | Total | Left | Thru  | Right | Total | Left | Thru   | Right  | Total | Left | Thru   | Right  | Total | Volume | Г | N |   |
| Total  | 1    | 1    | 0     | 2     | 0    | 2     | 0     | 2     | 0    | 0      | 0      | 0     | 1    | 0      | 2      | 3     | 7      |   | 0 |   |
| Avg Hr | 0    | 0    | 0     | 0     | 0    | 0     | 0     | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 1      |   | 0 | П |

| N | S | W | Е |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

AM Peak Period 5 Hours

|        |      | 3rd            | Ave   |       |      | 3rd   | Ave    |       | S    | hip Cı | reek R | ₹d    | S    | hip Cı | reek R | ₹d    |        |
|--------|------|----------------|-------|-------|------|-------|--------|-------|------|--------|--------|-------|------|--------|--------|-------|--------|
|        | NO   | NORTH Approach |       |       | SO   | UTH A | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  | Approa | ach   | Total  |
| Totals | Left | Thru           | Right | Total | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right  | Total | Volume |
| Period | 1    | 1              | 0     | 2     | 0    | 1     | 0      | 1     | 0    | 0      | 0      | 0     | 0    | 0      | 1      | 1     | 4      |
| Avg Hr | 0    | 0              | 0     | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 1      |

| N | S | W | ш |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

MD Peak Period 3 Hours

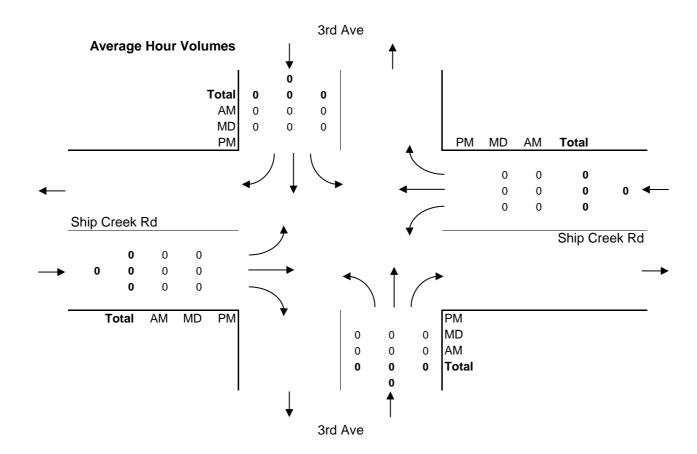
|        |      | 3rd   | Ave   |       |      | 3rd   | Ave    |       | S    | hip Cı | eek R  | ld    | S    | hip Cı | eek R | ₹d    |        |
|--------|------|-------|-------|-------|------|-------|--------|-------|------|--------|--------|-------|------|--------|-------|-------|--------|
|        | NO   | RTH / | Appro | ach   | SO   | UTH / | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa | ach   | Total  |
| Totals | Left | Thru  | Right | Total | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right | Total | Volume |
| Total  | 0    | 0     | 0     | 0     | 0    | 1     | 0      | 1     | 0    | 0      | 0      | 0     | 1    | 0      | 1     | 2     | 3      |
| Avg Hr | 0    | 0     | 0     | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 1     | 1      |

| N | S | W | Е |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

PM Peak Period Hours

|        |      | 3rd  | Ave   |       |      | 3rd   | Ave    |       | S    | hip Cı | eek R  | ₹d    | S    | hip Cı | eek R | ₹d    |        |  |
|--------|------|------|-------|-------|------|-------|--------|-------|------|--------|--------|-------|------|--------|-------|-------|--------|--|
|        | NO   | RTH  | Appro | ach   | SO   | UTH / | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa | ach   | Total  |  |
| Totals | Left | Thru | Right | Total | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right | Total | Volume |  |
| Total  |      |      |       |       |      |       |        |       |      |        |        |       |      |        |       |       |        |  |
| Avg Hr |      |      |       |       |      |       |        |       |      |        |        |       |      |        |       |       |        |  |

| N | S | W | Е |
|---|---|---|---|
|   |   |   |   |
|   |   |   |   |





# Vehicle Turning Movement Survey With Classification

Major Route:3rd AvenueMinor Route:Ship Creek RoadMunicipality:Port Alberni

Filename: 4-3rd Ave @ Ship Creek Rd-Sep 28, 2017.xlsx

Location #: 4

Date: September 28, 2017

Day-of-week: Thursday

East/West Route: Ship Creek Road

Intersection Type: 4-leg Signalized?: No

Weather: Clear and dry

Vehicle Classifications: Regular Vehicles

Buses

Articulated Trucks
Cube Trucks
Dump Trucks
Emergency Trucks
Garbage Trucks
Logging Trucks

RVs

**Utility Trucks** 

| Shift | Start | End   | Duration |
|-------|-------|-------|----------|
| AM    | 7:00  | 12:00 | 5.00     |
| MD    | 12:00 | 15:00 | 3.00     |
| PM    |       |       |          |
| Total | 7:00  |       | 8.00     |

**Notes:** 24-hour clock used for reporting (15-minute increments)

North Approach - southbound vehicles approaching intersection from the north

15x4 - 15 min volume (from maximum 15 minute period of movement/approach in peak hour period [\*]) x 4

This data is for Logging Trucks

Pedestrians - N indicates pedestrians crossing north approach (east/west)

#### **Comments:**



### Survey Data Logging Trucks

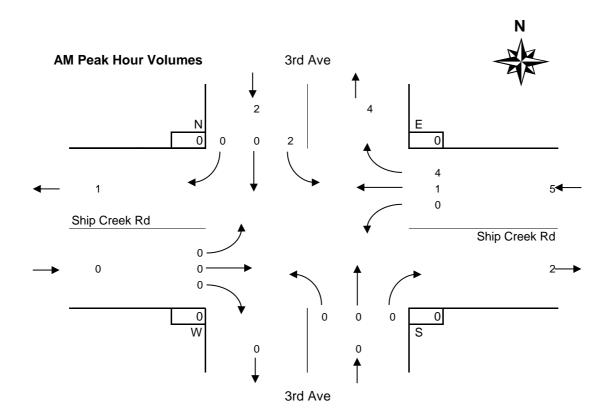
| Time          |      | 3rd   | Ave    |        |      | 3rd    | Ave    |       | S      | hip Cı | reek R | ld l  | S    | hip Cı | reek F | ₹d    |                   |        |                      |   |   |   |               |
|---------------|------|-------|--------|--------|------|--------|--------|-------|--------|--------|--------|-------|------|--------|--------|-------|-------------------|--------|----------------------|---|---|---|---------------|
| Period        | NO   | RTH / | Approa | ach    | SO   | UTH A  | Approa | ach   | W      | EST A  | Approa | ach   | E    | AST A  | Approa |       | Total V<br>15-min | olume  | ak                   |   |   |   |               |
| <b>Begins</b> | Left | Thru  | Right  | Total  | Left | Thru   | Right  | Total | Left   | Thru   | Right  | Total | Left | Thru   | Right  | Total | 15-min            | Hour   | Pe                   | N | S | W | Е             |
| 7:00          | 0    | 0     | 0      | 0      | 0    | 0      | 0      | 0     | 0      | 0      | 0      | 0     | 0    |        |        | _     | 0                 |        | Ц                    | 0 | 0 | 0 |               |
| 7:15          | 2    | 0     | 0      | 2      | 0    | 0      | 0      | 0     | 0      | 0      |        | 0     | 0    |        |        | 1     | 3                 |        |                      | 0 | 0 | 0 |               |
| 7:30          | 2    | 0     | 0      | 2      | 0    | 0      | 0      | 0     | 0      | 0      |        |       | 0    |        |        | _     | 3                 | _      |                      | 0 | 0 | 0 |               |
| 7:45          | 0    | 0     | 0      | 0      |      | 0      | 0      | 0     | 0      | 0      |        |       | 0    |        |        | -     | 1                 | 7      |                      | 0 | 0 | 0 |               |
| 8:00          | 1    | 0     | 0      | 1      | 0    | 0      | 0      | 0     | 0      | 0      |        |       | 0    |        |        |       | 3                 | 10     |                      | 0 | 0 | 0 |               |
| 8:15          | 3    | 0     | 0      | 3      |      | 0      | 0      | 0     | 0      | 0      |        |       | 0    |        |        | _     | 3                 | 10     | H                    | 0 | 0 | 0 |               |
| 8:30          | 1    | 0     | 0      | 1      | 0    | 0      | 0      | 0     | 0      | 0      |        |       | 0    |        | _      |       | 2                 | 9      |                      | 0 | 0 | 0 |               |
| 8:45          | 1    | 0     | 0      | 1<br>0 | 0    | 0<br>0 | 0      | 0     | 0<br>0 | 0      |        |       | 0    |        |        | -     | 2                 | 10     | H                    | 0 | 0 | 0 |               |
| 9:00<br>9:15  | 0    | 0     | 0      | 0      |      | 0      | 0<br>0 | 0     | 0      | 0      |        |       | 0    |        | _      |       | 1 2               | 8<br>7 | Н                    | 0 | 0 | 0 |               |
| 9:30          | 1    | 0     | 0      | 1      | 0    | 0      | 0      | 0     | 0      | 0      |        |       | 0    |        |        |       | 3                 | 8      | H                    | 0 | 0 | 0 | _             |
| 9:45          | 2    | 0     | 0      | 2      |      | 0      | 0      | 0     | 0      | 1      | 0      |       | 0    |        |        |       | 3                 | 9      |                      | 0 | 0 | 0 |               |
| 10:00         | 0    | 0     | 0      | 0      |      | 0      | 0      | 0     | 0      | 0      |        |       | 0    |        |        | _     | 0                 | 8      | H                    | 0 | 0 | 0 | _             |
| 10:00         | 0    | 0     | 0      | 0      |      | 0      | 0      | 0     | 0      | 0      |        |       | 0    |        |        | 1     | 1                 | 7      | H                    | 0 | 0 | 0 | _             |
| 10:30         | 1    | 1     | 0      | 2      |      | 0      | 1      | 1     | 0      | 0      |        |       | 0    |        |        | -     | 6                 | 10     | H                    | 0 | 0 | 0 | _             |
| 10:45         | 1    | 0     | 0      | 1      | 0    | 0      | 0      | 0     | 0      | 0      |        |       | 0    |        |        |       | 1                 | 8      |                      | 0 | 0 | 0 |               |
| 11:00         | 1    | 0     | 0      | 1      | 0    | 0      | 0      | 0     | 0      | 0      |        |       | 0    |        |        | 1     | 2                 | 10     | *                    | 0 | 0 | 0 |               |
| 11:15         | 0    | 0     |        | 0      |      | 0      | 0      | 0     | 0      | 0      |        |       | 0    |        |        | -     | 0                 | 9      | -                    | 0 | 0 | 0 |               |
| 11:30         | 1    | 0     |        | 1      | 0    | 0      | 0      | 0     | 0      | 0      |        | 0     | 0    |        | _      | _     | 3                 | 6      | -                    | 0 | 0 | 0 |               |
| 11:45         | 0    | 0     |        | 0      |      | 0      | 0      | 0     | 0      | 0      |        |       | 0    |        | _      | 2     | 2                 | 7      |                      | 0 | 0 | 0 |               |
| Total         | 17   | 1     | 0      | 18     |      | 0      | 1      | 1     | 0      | 1      | 0      |       | 0    |        |        |       | 41                |        |                      | 0 | 0 | 0 |               |
|               |      |       |        |        |      |        |        |       |        |        |        |       |      |        |        |       |                   |        |                      |   |   |   |               |
| 12:00         | 1    | 0     | 0      | 1      | 0    | 0      | 0      | 0     | 0      | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 1                 |        |                      | 0 | 0 | 0 | 0             |
| 12:15         | 1    | 0     | 0      | 1      | 0    | 0      | 0      | 0     | 0      | 0      |        |       | 0    |        |        |       | 2                 |        | П                    | 0 | 0 | 0 | _             |
| 12:30         | 0    | 0     | 0      | 0      | 0    | 0      | 0      | 0     | 0      | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0                 |        |                      | 0 | 0 | 0 | 0             |
| 12:45         | 1    | 0     | 0      | 1      | 0    | 0      | 0      | 0     | 0      | 1      | 0      | 1     | 0    | 0      | 1      | 1     | 3                 | 6      |                      | 0 | 0 | 0 | 0             |
| 13:00         | 1    | 0     | 0      | 1      | 0    | 0      | 0      | 0     | 0      | 0      | 0      | 0     | 0    | 0      | 3      | 3     | 4                 | 9      |                      | 0 | 0 | 0 | 0             |
| 13:15         | 1    | 0     | 0      | 1      | 0    | 0      | 0      | 0     | 0      | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 1                 | 8      |                      | 0 | 0 | 0 | 0             |
| 13:30         | 3    | 0     | 0      | 3      | 0    | 0      | 0      | 0     | 0      | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 3                 | 11     |                      | 0 | 0 | 0 | 0             |
| 13:45         | 1    | 0     | 0      | 1      | 0    | 0      | 0      | 0     | 0      | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 1                 | 9      |                      | 0 | 0 | 0 | 0             |
| 14:00         | 2    | 0     | 0      | 2      | 0    | 0      | 0      | 0     | 0      | 0      | 0      | 0     | 0    | 0      | 2      | 2     | 4                 | 9      | *                    | 0 | 0 | 0 | 0             |
| 14:15         | 1    | 0     | 0      | 1      | 0    | 0      | 0      | 0     | 0      | 0      | 0      | 0     | 0    | 0      | 1      | 1     | 2                 | 10     | +                    | 0 | 0 | 0 | 0             |
| 14:30         | 0    | 0     | 0      | 0      | 0    | 0      | 0      | 0     | 0      | 0      |        |       | 0    | 1      | 1      | 2     | 2                 | 9      | *                    | 0 | 0 | 0 | 0             |
| 14:45         | 1    | 0     | 0      | 1      | 0    | 0      | 0      | 0     | 0      | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 1                 | 9      | *                    | 0 | 0 | 0 | 0             |
| n/a           |      |       |        |        |      |        |        |       |        |        |        |       |      |        |        |       |                   |        |                      |   |   |   |               |
| n/a           |      |       |        |        |      |        |        |       |        |        |        |       |      |        |        |       |                   |        |                      |   |   |   |               |
| n/a           |      |       |        |        |      |        |        |       |        |        |        |       |      |        |        |       |                   |        |                      |   |   |   |               |
| n/a           |      |       |        |        |      |        |        |       |        |        |        |       |      |        |        |       |                   |        | Ш                    |   |   |   |               |
| Total         | 13   | 0     | 0      | 13     | 0    | 0      | 0      | 0     | 0      | 1      | 0      | 1     | 0    | 2      | 8      | 10    | 24                |        |                      | 0 | 0 | 0 | 0             |
| . /-          | 1    |       |        |        |      |        |        |       |        |        |        |       |      |        |        |       |                   |        |                      | 1 | 1 |   |               |
| n/a           |      |       |        |        |      |        |        |       |        |        |        |       |      |        |        |       |                   |        | H                    |   |   |   |               |
| n/a           |      |       |        |        |      |        |        |       |        |        |        |       |      |        |        |       |                   |        | Н                    |   |   |   |               |
| n/a           |      |       |        |        |      |        |        |       |        |        |        |       |      |        |        |       |                   |        | ${oldsymbol{ech}}$   |   |   |   | $\vdash$      |
| n/a           |      |       |        |        |      |        |        |       |        |        |        |       |      |        |        |       |                   |        | ${\sf H}$            |   |   |   | $\vdash$      |
| n/a<br>n/a    |      |       |        |        |      |        |        |       |        |        |        |       |      |        |        |       |                   |        | ${oldsymbol{ec{H}}}$ |   |   |   | $\vdash$      |
| n/a           |      |       |        |        |      |        |        |       |        |        |        |       |      |        |        |       |                   |        | H                    |   |   |   | $\vdash$      |
| n/a           |      |       |        |        |      |        |        |       |        |        |        |       |      |        |        |       |                   |        | H                    |   |   |   | $\vdash$      |
| n/a           |      |       |        |        |      |        |        |       |        |        |        |       |      |        |        |       |                   |        | H                    |   |   |   | $\vdash$      |
| n/a           |      |       |        |        |      |        |        |       |        |        |        |       |      |        |        |       |                   |        | H                    |   |   |   | $\vdash$      |
| n/a           |      |       |        |        |      |        |        |       |        |        |        |       |      |        | -      |       |                   |        | $\vdash$             |   |   |   | $\vdash$      |
| n/a           |      |       |        |        |      |        |        |       |        |        |        |       |      |        | -      |       |                   |        | $\vdash$             |   |   |   | $\vdash$      |
| n/a           |      |       |        |        |      |        |        |       |        |        |        |       |      |        |        |       |                   |        | H                    |   |   |   | $\vdash$      |
| n/a           |      |       |        |        |      |        |        |       |        |        |        |       |      |        |        |       |                   |        | H                    |   |   |   | $\overline{}$ |
| n/a           |      |       |        |        |      |        |        |       |        |        |        |       |      |        |        |       |                   |        | H                    |   |   |   | $\overline{}$ |
| n/a           |      |       |        |        |      |        |        |       |        |        |        |       |      |        |        |       |                   |        | H                    |   |   |   |               |
| n/a           |      |       |        |        |      |        |        |       |        |        |        |       |      |        |        |       |                   |        | H                    |   |   |   | $\Box$        |
| n/a           |      |       |        |        |      |        |        |       |        |        |        |       |      |        |        |       |                   |        | H                    |   |   |   | $\Box$        |
| n/a           |      |       |        |        |      |        |        |       |        |        |        |       |      |        |        |       |                   |        | H                    |   |   |   | $\Box$        |
| n/a           |      |       |        |        |      |        |        |       |        |        |        |       |      |        |        |       |                   |        | H                    |   |   |   |               |
| Total         |      |       |        |        |      |        |        |       |        |        |        |       |      |        |        |       |                   |        | H                    |   |   |   |               |
| ,             |      |       |        |        |      |        |        |       |        |        |        |       |      |        |        |       |                   |        |                      |   |   |   |               |



# AM Peak Period Logging Trucks

| Time          |       | 3rd A   | Ave    |        |      | 3rd    | Ave    |       | S    | hip C | reek R | .d    | S    | hip Cr | eek R | ₹d    |                   |        |    |     |     |     |     |        |       |
|---------------|-------|---------|--------|--------|------|--------|--------|-------|------|-------|--------|-------|------|--------|-------|-------|-------------------|--------|----|-----|-----|-----|-----|--------|-------|
| Period        | NO    | RTH A   | Appro  | ach    | SO   | UTH A  | Approa | ıch   | W    | EST A | Approa | ach   | E    | AST A  | pproa | ach   | Total V<br>15-min | 'olume | ak |     |     |     |     | Con    | flict |
| <b>Begins</b> | Left  | Thru    | Right  | Total  | Left | Thru   | Right  | Total | Left | Thru  | Right  | Total | Left | Thru   | Right | Total | 15-min            | Hour   | Pe | N   | S   | W   | Е   | 15 min | Hr    |
| 7:00          | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 |        |    | 0   | 0   | 0   | 0   | 0      |       |
| 7:15          | 2     | 0       | 0      | 2      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 1     | 1     | 3                 |        |    | 0   | 0   | 0   | 0   | 3      |       |
| 7:30          | 2     | 0       | 0      | 2      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 1     | 1     | 3                 |        |    | 0   | 0   | 0   | 0   | 3      |       |
| 7:45          | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 1     | 1     | 1                 | 7      |    | 0   | 0   | 0   | 0   | 1      | 7     |
| 8:00          | 1     | 0       | 0      | 1      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 2     | 2     | 3                 | 10     |    | 0   | 0   | 0   | 0   | 3      | 10    |
| 8:15          | 3     | 0       | 0      | 3      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 3                 | 10     |    | 0   | 0   | 0   | 0   | 3      | 10    |
| 8:30          | 1     | 0       | 0      | 1      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 1      | 0     | 1     | 2                 | 9      |    | 0   | 0   | 0   | 0   | 2      | 9     |
| 8:45          | 1     | 0       | 0      | 1      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 1     | 1     | 2                 | 10     |    | 0   | 0   | 0   | 0   | 2      | 10    |
| 9:00          | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 1      | 0     | 1     | 1                 | 8      |    | 0   | 0   | 0   | 0   | 1      | 8     |
| 9:15          | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 2     | 2     | 2                 | 7      |    | 0   | 0   | 0   | 0   | 2      | 7     |
| 9:30          | 1     | 0       | 0      | 1      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 2     | 2     | 3                 | 8      |    | 0   | 0   | 0   | 0   | 3      | 8     |
| 9:45          | 2     | 0       | 0      | 2      | 0    | 0      | 0      | 0     | 0    | 1     | 0      | 1     | 0    | 0      | 0     | 0     | 3                 | 9      |    | 0   | 0   | 0   | 0   | 3      | 9     |
| 10:00         | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 8      |    | 0   | 0   | 0   | 0   | 0      | 8     |
| 10:15         | 0     | 0       | 0      |        | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | _    |        | 1     | 1     | 1                 | 7      |    | 0   | 0   | 0   | 0   | 1      | 7     |
| 10:30         | 1     | 1       | 0      | 2      | 0    | 0      | 1      | 1     | 0    | 0     | 0      | 0     |      |        | 2     | 3     | 6                 | 10     |    | 0   | 0   | 0   | 0   | 5      | 9     |
| 10:45         | 1     | 0       | 0      | 1      | 0    | 0      | 0      | 0     |      | 0     | 0      | 0     |      |        | 0     | 0     | 1                 | 8      |    | 0   | 0   | 0   | 0   | 1      | 7     |
| 11:00         | 1     | 0       | 0      | 1      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     |      |        | 1     | 1     | 2                 | 10     | *  | 0   | 0   | 0   | 0   | 2      | 9     |
| 11:15         | 0     | 0       | 0      |        | 0    | 0      | 0      | 0     |      | 0     | 0      | 0     |      |        | 0     | 0     | 0                 |        | *  | 0   | 0   | 0   | 0   | 0      | 8     |
| 11:30         | 1     | 0       | 0      | 1      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     |      |        | 2     | 2     | 3                 |        |    | 0   | 0   | 0   | 0   | 3      | 6     |
| 11:45         | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 1      | 1     | 2     | 2                 | 7      | +  | 0   | 0   | 0   | 0   | 2      | 7     |
|               |       |         |        | ·      |      |        |        |       |      |       |        |       |      |        |       |       |                   | _      |    |     |     |     |     | _      |       |
| Total         | 17    | 1       | 0      | 18     | 0    | 0      | 1      | 1     | 0    | 1     | 0      | 1     | 0    | 4      | 17    | 21    | 41                |        |    | 0   | 0   | 0   | 0   | . L    | 39    |
| Avg Hr        | 3     | 0       | 0      | 4      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 1      | 3     | 4     | 8                 |        |    | 0   | 0   | 0   | 0   |        |       |
|               |       |         |        |        |      |        |        |       |      |       |        |       |      |        |       |       |                   |        |    |     |     |     |     |        |       |
| Peak h        | our o | f the i | nters  | ectio  | n    |        |        |       |      |       |        |       |      |        |       |       |                   | _      | _  |     |     |     |     | _      |       |
| Pk Hr         | 2     | 0       | 0      | 2      | 0    | 0      | 0      | 0     | 0    |       |        | 0     | 0    | 1      | 4     | 5     | 7                 | *      |    | 0   | 0   | 0   | 0   |        | 7     |
| 15x4          | 4     | 0       | 0      | 4      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 4      | 8     | 8     | 12                | +      |    | 0   | 0   | 0   | 0   |        | 16    |
| PHF           | 0.50  | n/a     | n/a    | 0.50   | n/a  | n/a    | n/a    | n/a   | n/a  | n/a   | n/a    | n/a   | n/a  | 0.25   | 0.50  | 0.63  | 0.58              |        |    | n/a | n/a | n/a | n/a |        | 0.44  |
|               |       |         |        |        |      |        |        |       |      |       |        |       |      |        |       |       |                   | -      |    |     |     |     |     | _      |       |
| Peak h        | our o | f conf  | lictin | g volu | umes | for th | e inte | rsect | ion  |       |        |       |      |        |       |       |                   | _      | _  |     |     |     |     | _      |       |
| Pk Hr         | 2     | 0       | 0      | 2      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 1      | 4     | 5     | 7                 | *      |    | 0   | 0   | 0   | 0   |        | 7     |
| 15x4          | 4     | 0       | 0      | 4      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 4      | 8     | 8     | 12                | +      |    | 0   | 0   | 0   | 0   |        | 16    |
| PHF           | 0.50  | n/a     | n/a    | 0.50   | n/a  | n/a    | n/a    | n/a   | n/a  | n/a   | n/a    | n/a   | n/a  | 0.25   | 0.50  | 0.63  | 0.58              |        |    | n/a | n/a | n/a | n/a |        | 0.44  |

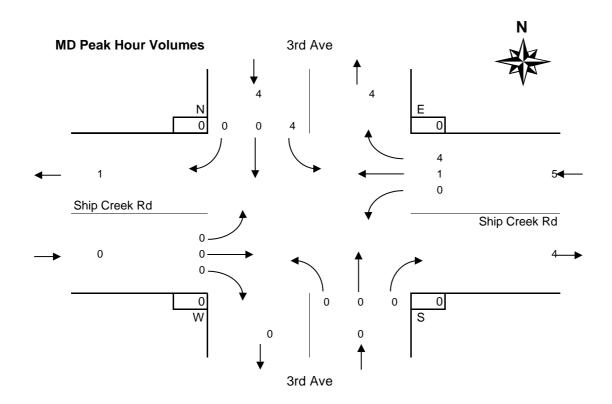
<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*



# MD Peak Period Logging Trucks

|       | 3rd   | Ave   |                         |  | 3rd  | Ave            |                              | S              | hip C  | reek R  | ld.            | S   | hip Cr   | eek R  | ₹d   |                |   |                |                |  |   |   |  |  |
|-------|---|---|-------------------------|--|--|----------------|------------------------------|----------------|--|---|----------------|---|--|--|--|----------------|---|----------------|----------------|--|---|---|--|--|
| NO    | RTH A   | Appro   | ach                     | SO   | UTH /  | Appro          | ach                          | W              | EST A  | Approa  | ach            |   |  |  |  | Total V        | olume   | ak             |                |  |   |   | Cor  | nflict   |
| Left  |   |   |                         | Left   | Thru   | Right          | Total                        | Left           | Thru   | Right   | Total          | Left  | Thru   | Right  | Total  | 15-min         | Hour  | Pe             | N              | S  | W   | Е   | 15 min   | Hr   |
| 1     | 0   | 0   | 1                       | 0  | 0  | 0              | 0                            | 0              | 0  | 0   | 0              | 0   | 0  | 0  | 0  | 1              |   |                | 0              | 0  | 0   | 0   | 1  |  |
| 1     | 0   | 0   | 1                       | 0  | 0  | 0              | 0                            | 0              | 0  | 0   | 0              | 0   | 1  | 0  | 1  | 2              |   |                | 0              | 0  | 0   | 0   | 2  |  |
| 0     | 0   | 0   | 0                       | 0  | 0  | 0              | 0                            | 0              | 0  | 0   | 0              | 0   | 0  | 0  | 0  | 0              |   |                | 0              | 0  | 0   | 0   | 0  |  |
| 1     | 0   | 0   | 1                       | 0  | 0  | 0              | 0                            | 0              | 1  | 0   | 1              |   |  | 1  | 1  | 3              | 6   |                | 0              | 0  | 0   | 0   | 2  | 5  |
| 1     | 0   |   |                         | 0  |  | 0              |                              |                | 0  | 0   |                |   |  |  |  | 4              | 9   |                | 0              | 0  | 0   |   | 4  | 8  |
| 1     | 0   |   |                         |  | 0  | 0              |                              |                | 0  | 0   |                |   |  | 0  | 0  |                |   |                | 0              | 0  | 0   | 0   | 1  | 7  |
| 3     | 0   | 0   | 3                       | 0  | 0  | 0              | 0                            | 0              | 0  | 0   |                |   |  | 0  | 0  | 3              | 11  | Ш              | 0              | 0  | 0   | 0   | 3  | 10   |
| 1     | 0   |   |                         | •  |  |                |                              |                |  |   |                |   |  |  |  |                | _   |                | 0              | 0  | 0   |   | 1  | 9  |
| 2     | 0   |   |                         |  |  |                |                              |                |  | _   |                |   |  | 2  | 2  |                |   | -              |                |  | _   |   | 4  | 9  |
| 1     | 0   |   |                         |  |  | 0              |                              |                | 0  | 0   |                |   |  | 1  | 1  |                |   | _              |                |  |   | 0   | 2  | 10   |
| 0     | 0   |   | 0                       | Ů  | 0  |                |                              |                | _  | _   |                |   |  | 1  | 2  | 2              |   | _              |                |  |   | 0   | 2  | 9  |
| 1     | 0   | 0   | 1                       | 0  | 0  | 0              | 0                            | 0              | 0  | 0   | 0              | 0   | 0  | 0  | 0  | 1              | 9   | *              | 0              | 0  | 0   | 0   | 1  | 9  |
|       |   |   |                         |  |  |                |                              |                |  |   |                |   |  |  |  |                |   | Ш              |                |  |   |   |  |  |
|       |   |   |                         |  |  |                |                              |                |  |   |                |   |  |  |  |                |   | Ш              |                |  |   |   |  |  |
|       |   |   |                         |  |  |                |                              |                |  |   |                |   |  |  |  |                |   | Ш              |                |  |   |   |  |  |
|       |   |   |                         |  |  |                |                              |                |  |   |                |   |  |  |  |                |   |                |                |  |   |   |  |  |
|       |   |   |                         |  |  |                |                              |                |  |   |                |   |  |  |  |                | ī   |                |                |  |   |   |  |  |
|       |   |   |                         |  |  |                |                              |                |  | 0   | 1              |   | 2  |  |  |                |   |                | 0              | 0  | 0   | 0   |  | 23   |
| 4     | 0   | 0   | 4                       | 0  | 0  | 0              | 0                            | 0              | 0  | 0   | 0              | 0   | 1  | 3  | 3  | 8              |   | Į              | 0              | 0  | 0   | 0   |  |  |
|       | £ 4la a :   |   | 4:                      | _  |  |                |                              |                |  |   |                |   |  |  |  |                |   |                |                |  |   |   |  |  |
|       |   |   |                         |  | 0  | 0              | 0                            | 0              |  | 0   | 0              | 0   | 4  |  |  | 0              | I.  | ſ              | 0              | 0  | 0   | 0   |  | 0  |
|       | _   |   |                         |  |  |                |                              |                |  |   |                |   | 1  |  |  |                |   | ŀ              |                |  |   | _   | }  | 9  |
|       | ŭ   |   | _                       |  | -  | _              | _                            | _              |  | _   |                |   | 0.05   |  | Ŭ  |                | +   | ŀ              |                |  |   |   | }  | 20   |
| 0.50  | n/a   | n/a   | 0.50                    | n/a  | n/a  | n/a            | n/a                          | n/a            | n/a  | n/a   | n/a            | n/a   | 0.25   | 0.50   | 0.63   | 0.56           |   | Į              | n/a            | n/a  | n/a   | n/a   | l I  | 0.45   |
| our o | f con   | flictin   | a voli                  | ıımes  | for th   | ne inte        | ersect                       | tion           |  |   |                |   |  |  |  |                |   |                |                |  |   |   |  |  |
|       |   |   |                         |  |  |                |                              |                | 0  | 0   | 0              | 0   | 1  | 4  | 5  | 9              | *   | ſ              | 0              | n  | 0   | 0   | [  | 9  |
|       | 0   | 0   |                         |  |  | _              |                              |                |  |   |                |   | 4  | 8  |  |                |   | ŀ              |                |  | -   | 0   | <b> </b>   | 20   |
| 0     | V   | 0   |                         |  | 0  | 0              |                              |                |  | U   | 0              |   |  |  |  |                |   |                | 9              | 0  |   |   |  | _0   |
|       | Left  1 1 0 1 1 1 3 1 2 1 0 1 1 3 4 0 0 1 0 1 1 0 1 0 1 1 0 1 0 1 0 1 0 1 | NORTH / Left Thru 1 0 1 0 0 0 1 0 1 0 1 0 2 0 1 0 0 0 1 0 4 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Left   Thru   Right   1 | NORTH Approach  Left Thru Right Total  1 0 0 1  1 0 0 0 1  0 0 0 0  1 0 0 1  1 0 0 1  1 0 0 1  1 0 0 1  1 0 0 1  2 0 0 2  1 0 0 1  2 0 0 2  1 0 0 1  0 0 0 1  2 0 0 1  2 0 0 2  1 0 0 1  2 0 0 2  1 0 0 1  2 0 0 4  0 0 4  8 0 0 8  0.50 n/a n/a 0.50  Dur of conflicting volution of the intersection of the inte | NORTH   Approach   SO   Left   Thru   Right   Total   Left   1   0   0   1   0   0   1   0   0   0 | NORTH Approach | NORTH Approach   SOUTH Appro | NORTH Approach | NORTH Approach   SOUTH Approach   W   Left   Thru   Right   Total   Left   Thru   Total   Left   Thru   Right   Total   Left   Total   Left   Thru   Right   Total   Left   Left   Thru   Total   Left   Thru   Total   Left   Total   Left   Thru   Total   Left   Total   Left   Total   Left   Total   Left   Total   Total   Left   Total   Tota | NORTH Approach   SOUTH Approach   Left   Thru   Right   Total   Left   Thru   Right   Total   Left   Thru   1 | NORTH Approach | NORTH   Approach   SOUTH   Approach   WEST   Approach | NORTH   Approach   SOUTH   Approach   WEST   Approach   E/ | NORTH Approach   SOUTH Approach   WEST Approach   EAST A | NORTH Approach   SOUTH Approach   WEST Approach   EAST Approach   Left   Thru   Right   Total   Left   Thru   Total   Left   Thru   Total   Left   Total   Total   Left   Total   Total   Total   Total | NORTH Approach | NORTH   Approach   SOUTH   Approach   WEST   Approach   EAST   Approach   Total   Vest   Thru   Right   Total   Left   Thru | NORTH Approach | NORTH Approach | NORTH Approach   SOUTH Approach   WEST Approach   EAST Approach   Total Volume   March   Mar | NORTH Approach   SOUTH Approach   WEST Approach   EAST Approach   Total Volume   West   Total   Left   Thru   Right   Total | NORTH Approach   SOUTH Approach   WEST Approach   EAST Approach   Total Volume   Total Volume | NORTH Approach   SOUTH Approach   WEST Approach   EAST Approach   Total Volume   Mest   Thru   Right   Total   Left   Thru   Right   Total   Thru   Thru   Right   Total   Thru   Right   Thru   Right   Total   Thru   Right   Thru   Right   Thru   Right   Thru   Th | NORTH Approach   SOUTH Approach   WEST Approach   Total Volume   South Approach   Total Volume   Total Volume |

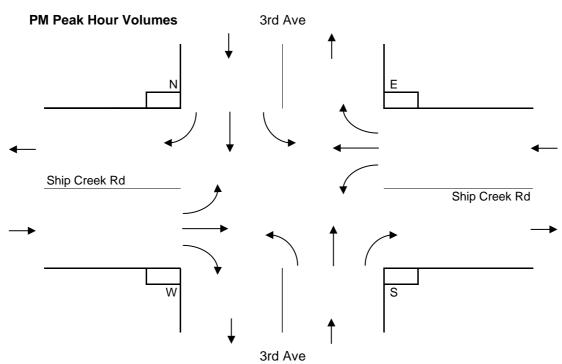
<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*



#### PM Peak Period Logging Trucks

| Time   |       | 3rd   | Ave     |        |      |        | Ave     |        | S    | hip C | reek F | ?d    |      | hip Cr | eek R | ld.   |                   |       |    |   |   |   |   |        |        |
|--------|-------|-------|---------|--------|------|--------|---------|--------|------|-------|--------|-------|------|--------|-------|-------|-------------------|-------|----|---|---|---|---|--------|--------|
| Period | NO    | RTH.  | Appro   | ach    | SO   | UTH    | Appro   | ach    | W    | EST A | Approa | ach   | E    | AST A  | pproa | ich   | Total V<br>15-min | olume | ak |   |   |   |   | Cor    | nflict |
| Begins | Left  | Thru  | Right   | Total  | Left | Thru   | Right   | Total  | Left | Thru  | Right  | Total | Left | Thru   | Right | Total | 15-min            | Hour  | Pe | N | S | W | Е | 15 min | Hr     |
| n/a    |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| n/a    |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
|        |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        | 4      |
| Total  |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   |       | ſ  |   |   |   |   |        | 0      |
| Avg Hr |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   |       | ı  |   |   |   |   |        |        |
|        |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   | ļ.    |    |   |   |   |   |        |        |
| Peak h | our o | f the | inters  | sectio | n    |        |         |        |      |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| Pk Hr  |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   | *     | ſ  |   |   |   |   |        | 0      |
| 15x4   |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   | +     | ı  |   |   |   |   |        | 0      |
| PHF    |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   |       | ı  |   |   |   |   |        | n/a    |
|        |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   |       | L  |   |   |   |   |        |        |
| Peak h | our o | f con | flictin | ıq vol | umes | for th | ne inte | ersect | tion |       |        |       |      |        |       |       |                   |       |    |   |   |   |   |        |        |
| Pk Hr  |       |       |         | Ĭ      |      |        |         |        |      |       |        |       |      |        |       |       |                   | *     | [  |   |   |   |   |        | 0      |
| 15x4   |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   | +     | l  |   |   |   |   |        | 0      |
| PHF    |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   |       | l  |   |   |   |   |        | n/a    |
|        |       |       |         |        |      |        |         |        |      |       |        |       |      |        |       |       |                   | ĺ     | ı  |   |   |   |   |        | , -7   |







Entire Survey Period 8 Hours

|        |      | 3rd  | Ave   |       |      | 3rd   | Ave   |       | S    | hip Cı | reek R | ld    | S    | hip Cı | eek R | ld    |        | <br>_ |   |
|--------|------|------|-------|-------|------|-------|-------|-------|------|--------|--------|-------|------|--------|-------|-------|--------|-------|---|
|        | NO   | RTH  | Appro | ach   | SO   | UTH / | Appro | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa | ich   | Total  | Ī     |   |
|        | Left | Thru | Right | Total | Left | Thru  | Right | Total | Left | Thru   | Right  | Total | Left | Thru   | Right | Total | Volume | ſ     | N |
| Total  | 30   | 1    | 0     | 31    | 0    | 0     | 1     | 1     | 0    | 2      | 0      | 2     | 0    | 6      | 25    | 31    | 65     |       |   |
| Avg Hr | 4    | 0    | 0     | 4     | 0    | 0     | 0     | 0     | 0    | 0      | 0      | 0     | 0    | 1      | 3     | 4     | 8      |       |   |

| N | S | W | Е |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

AM Peak Period 5 Hours

|        |      | 3rd   | Ave   |       |      | 3rd   | Ave    |       | S    | hip Cı | reek R | ₹d    | S    | hip Cı | reek R | ld    |        |  |
|--------|------|-------|-------|-------|------|-------|--------|-------|------|--------|--------|-------|------|--------|--------|-------|--------|--|
|        | NO   | RTH / | Appro | ach   | SO   | UTH A | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa  | ich   | Total  |  |
| Totals | Left | Thru  | Right | Total | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right  | Total | Volume |  |
| Period | 17   | 1     | 0     | 18    | 0    | 0     | 1      | 1     | 0    | 1      | 0      | 1     | 0    | 4      | 17     | 21    | 41     |  |
| Avg Hr | 3    | 0     | 0     | 4     | 0    | 0     | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 1      | 3      | 4     | 8      |  |

| N | S | W | Е |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

MD Peak Period 3 Hours

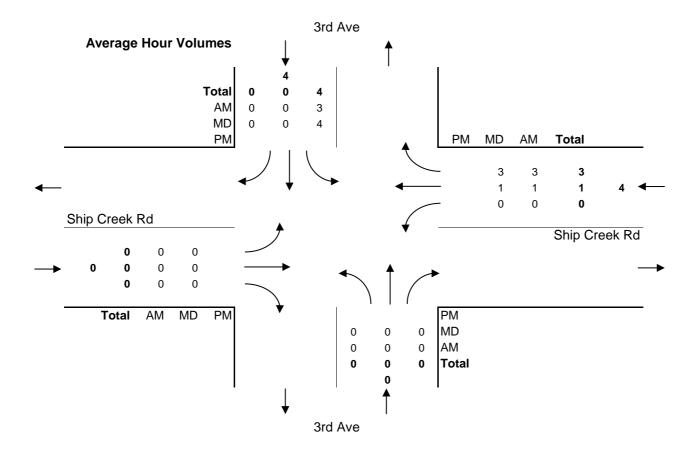
|        |      | 3rd   | Ave   |       |      | 3rd   | Ave    |       | S    | hip Cı | reek R | ₹d    | S    | hip Cı | reek R | ₹d    |        |
|--------|------|-------|-------|-------|------|-------|--------|-------|------|--------|--------|-------|------|--------|--------|-------|--------|
|        | NO   | RTH / | Appro | ach   | SO   | UTH A | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa  | ach   | Total  |
| Totals | Left | Thru  | Right | Total | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right  | Total | Volume |
| Total  | 13   | 0     | 0     | 13    | 0    | 0     | 0      | 0     | 0    | 1      | 0      | 1     | 0    | 2      | 8      | 10    | 24     |
| Avg Hr | 4    | 0     | 0     | 4     | 0    | 0     | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 1      | 3      | 3     | 8      |

| N | S | W | Е |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

PM Peak Period Hours

|        |                                      | 3rd  | Ave   |       |      | 3rd   | Ave    |       | S    | hip Cı | eek R  | ?d    | S    | hip Cı | reek R | ₹d    |        |  |
|--------|--------------------------------------|------|-------|-------|------|-------|--------|-------|------|--------|--------|-------|------|--------|--------|-------|--------|--|
|        | NORTH Approach  Left Thru Right Tota |      |       | ach   | SO   | UTH A | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa  | ach   | Total  |  |
| Totals | Left                                 | Thru | Right | Total | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right  | Total | Volume |  |
| Total  |                                      |      |       |       |      |       |        |       |      |        |        |       |      |        |        |       |        |  |
| Avg Hr |                                      |      |       |       |      |       |        |       |      |        |        |       |      |        |        |       |        |  |

| N | S | W | Е |
|---|---|---|---|
|   |   |   |   |
|   |   |   |   |





# Vehicle Turning Movement Survey With Classification

Major Route:3rd AvenueMinor Route:Ship Creek RoadMunicipality:Port Alberni

Filename: 4-3rd Ave @ Ship Creek Rd-Sep 28, 2017.xlsx

Location #: 4

Date: September 28, 2017

Day-of-week: Thursday

East/West Route: Ship Creek Road

Intersection Type: 4-leg Signalized?: No

Weather: Clear and dry

Vehicle Classifications: Regular Vehicles

Buses

Articulated Trucks
Cube Trucks
Dump Trucks
Emergency Trucks
Garbage Trucks
Logging Trucks

RVs

**Utility Trucks** 

| Shift | Start | End   | Duration |
|-------|-------|-------|----------|
| AM    | 7:00  | 12:00 | 5.00     |
| MD    | 12:00 | 15:00 | 3.00     |
| PM    |       |       |          |
| Total | 7:00  |       | 8.00     |

**Notes:** 24-hour clock used for reporting (15-minute increments)

North Approach - southbound vehicles approaching intersection from the north

15x4 - 15 min volume (from maximum 15 minute period of movement/approach in peak hour period [\*]) x 4

This data is for RVs

Pedestrians - N indicates pedestrians crossing north approach (east/west)

#### **Comments:**



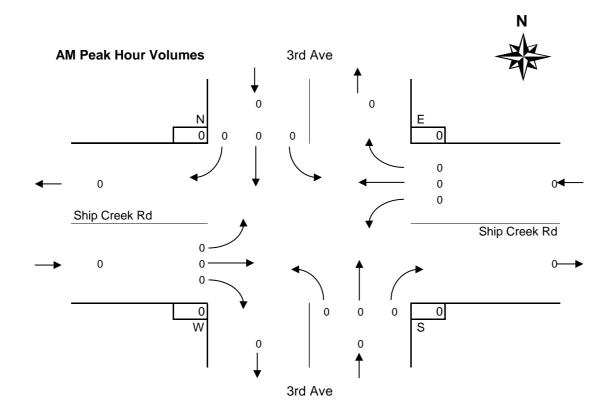
#### Survey Data RVs

| Period   MORTH Approach   SOUTH APPROA | 7:00<br>7:15 | Left<br>0<br>0 | Thru 0 | Right |       |      |      |       |     | W | EST A | Approa | ach            | E | AST A | Approa | ach   | Total V | olume   | ×                    |    |                |   |               |
|--|--------------|----------------|--------|-------|-------|------|------|-------|-----|---|-------|--------|----------------|---|-------|--------|-------|---------|---------|----------------------|----|----------------|---|---------------|
| 1700   | 7:00<br>7:15 | 0              | 0      | ·     | Total | Left | Thru | D: 14 |     |   |       |        |                |   |       |        |       |         | olullic | $\omega$             |    |                |   | $\overline{}$ |
| 17:15  | 7:15         | 0              |        | ^     |       |      |      | _     |     |   |       |        |                |   | Thru  | Right  | Total | 15-min  | Hour    | Pe                   | N  |                | W | Е             |
| 1/36   |              |                |        |       | _     |      |      |       |     |   |       |        | -              |   | _     | _      | _     |         |         |                      |    | _              | _ |               |
| 7.45   |              |                |        |       |       |      |      |       |     |   |       |        |                |   | _     | _      | _     |         |         |                      |    |                | _ | Ŭ             |
| 830 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  |              |                |        |       |       |      |      |       |     |   |       |        |                |   | _     | _      | _     |         | 0       |                      |    |                | _ | ·             |
| 83:50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  |              |                |        |       |       |      |      |       |     |   |       |        | -              |   | _     | _      | _     |         |         | $\vdash$             |    |                | _ | ·             |
| 8390 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   |              |                |        |       |       |      |      |       |     |   |       |        |                |   | _     | _      | _     |         |         |                      |    |                | _ |               |
| 8.45   |              |                |        |       |       |      |      |       |     |   |       |        |                |   | _     | _      | _     |         |         |                      |    |                | _ |               |
| 9:00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   |              |                |        |       |       |      |      |       |     |   |       |        |                |   | _     | _      | _     |         |         | _                    |    |                | _ |               |
| 9:15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   |              |                |        |       |       |      |      |       |     |   |       |        |                |   | _     | _      | _     |         |         |                      |    |                | _ |               |
| 93.50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  |              |                |        |       |       |      |      |       |     |   |       |        |                |   | _     | _      | _     |         |         |                      |    |                | _ |               |
| 10:00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  |              | 0              | 0      | 0     | 0     |      | 0    |       |     | 0 | 0     | 0      | 0              | 0 | 0     | 0      | 0     | 0       | 0       |                      | 0  | 0              | 0 | 0             |
| 10:30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 9:45         | 0              | 0      | 0     | 0     | 0    | 0    | 0     | 0   | 0 | 0     | 0      | 0              | 0 | 0     | 0      | 0     | 0       | 0       |                      | 0  | 0              | 0 | 0             |
| 10:30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 10:00        | 0              | 0      | 0     | 0     | 0    | 0    | 0     | 0   | 0 | 0     | 0      | 0              | 0 | 0     | 0      | 0     | 0       | 0       |                      | 0  | 0              | 0 | 0             |
| 10:45 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 10:15        | 0              | 0      | 0     | 0     | 0    | 0    | 0     | 0   | 0 | 0     | 0      | 0              | 0 | 0     | 0      | 0     | 0       | 0       |                      | 0  | 0              | 0 | 0             |
| 11:00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  |              |                |        |       |       |      |      |       |     |   |       |        | 0              | 0 | 0     | 0      | 0     | 0       |         |                      | 0  |                |   | 0             |
| 11:15  |              |                |        |       |       |      |      |       |     |   |       |        |                |   |       |        | _     |         |         |                      |    |                |   |               |
| 11:30  |              |                |        |       |       |      |      |       |     |   |       |        |                |   |       |        | _     |         |         | -                    |    |                |   |               |
| 11-45  |              |                |        |       |       |      |      |       |     |   |       |        |                |   |       |        | _     |         |         | -                    |    |                |   |               |
| Total   0  |              |                |        |       |       |      |      |       |     |   |       |        |                |   |       |        | _     |         |         | _                    |    |                |   |               |
| 12:00  |              |                |        |       |       |      |      |       |     |   |       |        | -              |   |       |        | _     |         | 0       | +                    |    |                |   |               |
| 12:15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | lotal        | 0              | 0      | 0     | 0     | 0    | 0    | 0     | 0   | 0 | 0     | 0      | 0              | 0 | 0     | 0      | 0     | 0       |         |                      | 0  | 0              | 0 | 0             |
| 12:15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 12:00        | ٥              | Λ      | ٥١    | n     | ٥١   | ٥١   | ٥١    | n   | ٥ | Ω     | n      | 0              | Ω | Λ     | Λ      | n     | 0       |         | П                    | ٥١ | Λ              | Λ | Ω             |
| 12:30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  |              |                |        |       |       |      |      |       |     |   |       |        |                |   |       |        |       |         |         | H                    |    |                |   |               |
| 12:45 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  |              |                |        |       |       |      |      |       |     |   |       |        |                |   |       |        |       |         |         |                      |    |                |   |               |
| 13:00 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0  |              |                |        |       |       |      |      |       |     |   |       |        |                |   |       |        | _     |         | 0       | H                    |    |                |   | ·             |
| 13:15 0 0 0 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0 1 2 0 0 0 0  |              |                |        |       |       |      |      |       |     |   |       |        |                |   | _     | _      | _     | ~       | _       |                      |    |                | _ | ·             |
| 13:45 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  |              |                |        |       | 0     |      |      |       |     |   |       |        |                | 0 | 0     | 0      | 0     | 1       | 2       |                      | 0  |                | 0 | 0             |
| 14:00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 13:30        | 0              | 0      | 0     | 0     | 0    | 0    | 0     | 0   | 0 | 0     | 0      | 0              | 0 | 0     | 0      | 0     | 0       | 2       |                      | 0  | 0              | 0 | 0             |
| 14:15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 13:45        | 0              | 0      | 0     | 0     | 0    | 0    | 0     | 0   | 0 | 0     | 0      | 0              | 0 | 0     | 0      | 0     | 0       | 2       |                      | 0  | 0              | 0 | 0             |
| 14:30  | 14:00        | 0              | 0      | 0     | 0     | 0    | 0    | 0     | 0   | 0 | 0     | 0      | 0              | 0 | 0     | 1      | 1     | 1       | 2       | *                    | 0  | 0              | 0 | 0             |
| 14:45 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  |              | 0              |        | 0     |       |      |      |       |     | 0 |       |        | 0              | 0 | 0     | 0      | 0     | 0       | 1       | +                    | 0  | 0              | 0 | 0             |
| n/a         n/a <td></td> <td>-</td> <td></td> <td>_</td> <td>_</td> <td></td> <td>_</td> <td>•</td> <td>*</td> <td></td> <td>_</td> <td>_</td> <td>·</td>   |              |                |        |       |       |      |      |       |     |   |       |        | -              |   | _     | _      |       | _       | •       | *                    |    | _              | _ | ·             |
| n/a         n/a <td></td> <td>0</td> <td>1</td> <td>*</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>   |              | 0              | 0      | 0     | 0     | 0    | 0    | 0     | 0   | 0 | 0     | 0      | 0              | 0 | 0     | 0      | 0     | 0       | 1       | *                    | 0  | 0              | 0 | 0             |
| n/a         n/a <td></td> <td><math>\vdash</math></td> <td></td> <td></td> <td></td> <td></td>   |              |                |        |       |       |      |      |       |     |   |       |        |                |   |       |        |       |         |         | $\vdash$             |    |                |   |               |
| n/a         1         0         1         0  |              |                |        |       |       |      |      |       |     |   |       |        |                |   |       |        |       |         |         | H                    |    |                |   |               |
| Total 0 1 0 1 0 0 1 1 0 0 0 1 1 0 0 0 0 0 0  |              |                |        |       |       |      |      |       |     |   |       |        |                |   |       |        |       |         |         | Н                    |    |                |   |               |
| n/a  |              | 0              | 1      | 0     | 1     | 0    | 0    | 1     | 1   | 0 | 0     | 0      | 0              | 0 | 0     | 1      | 1     | 3       |         |                      | 0  | 0              | 0 | 0             |
| n/a  | Total        | U              | - 1    | U     |       | U    | U    | ' !   | • • | U | U     | U      | U <sub>I</sub> | U | U     | 1      |       | 3       |         |                      | U  | V <sub>I</sub> | U | U             |
| n/a  | n/a          |                |        |       |       |      |      |       |     |   |       |        |                |   |       |        |       |         |         |                      |    |                |   |               |
| n/a  | n/a          |                |        |       |       |      |      |       |     |   |       |        |                |   |       |        |       |         |         |                      |    |                |   |               |
| n/a  | n/a          |                |        |       |       |      |      |       |     |   |       |        |                |   |       |        |       |         |         |                      |    |                |   |               |
| n/a  |              |                |        |       |       |      |      |       |     |   |       |        |                |   |       |        |       |         |         |                      |    |                |   |               |
| n/a  |              |                |        |       |       |      |      |       |     |   |       |        |                |   |       |        |       |         |         | Ц                    |    |                |   |               |
| n/a  |              |                |        |       |       |      |      |       |     |   |       |        |                |   |       |        |       |         |         | Ц                    |    |                |   |               |
| n/a  |              | $\vdash$       |        |       |       |      |      |       |     |   |       |        |                |   |       |        |       |         |         | Ц                    |    |                |   |               |
| n/a  |              |                |        |       |       |      |      |       |     |   |       |        |                |   |       |        |       |         |         | Н                    |    |                |   |               |
| n/a  |              |                |        |       |       |      |      |       |     |   |       |        |                |   |       |        |       |         |         | ${oldsymbol{ec{H}}}$ |    |                |   |               |
| n/a  |              |                |        |       |       |      |      |       |     |   |       |        |                |   |       |        |       |         |         | ${oldsymbol{ec{H}}}$ |    |                |   |               |
| n/a  |              |                |        |       |       |      |      |       |     |   |       |        |                |   |       |        |       |         |         | H                    |    |                |   |               |
| n/a  |              |                |        |       |       |      |      |       |     |   |       |        |                |   |       |        |       |         |         | H                    |    |                |   |               |
| n/a  |              | $\vdash$       |        |       |       |      |      | -     |     |   |       |        |                |   |       |        |       |         |         | H                    |    | <del>-  </del> |   |               |
| n/a  |              |                |        |       |       |      |      |       |     |   |       |        |                |   |       |        |       |         |         | H                    |    |                |   | $\overline{}$ |
| n/a  |              |                |        |       |       |      |      |       |     |   |       |        |                |   |       |        |       |         |         | H                    |    |                |   |               |
|  |              |                |        |       |       |      |      |       |     |   |       |        |                |   |       |        |       |         |         | H                    |    |                |   | $\neg \neg$   |
|  | n/a          |                |        |       |       |      |      |       |     |   |       |        |                |   |       |        |       |         |         | П                    |    |                |   |               |
| n/a  |              |                |        |       |       |      |      |       |     |   |       |        |                |   |       |        |       |         |         | П                    |    |                |   |               |
| n/a  |              |                |        |       |       |      |      |       |     |   |       |        |                |   |       |        |       |         |         |                      |    |                |   |               |
| Total Total  | Total        |                |        |       |       |      |      |       |     |   |       |        |                |   |       |        |       |         |         |                      |    |                |   |               |



| Time          |       | 3rd   | Ave     |         |      | 3rd    | Ave    |       | S    | hip C | reek R | d     | S    | hip Cr | eek R    | .d    |                   |        |    |     |     |          |     |        |       |
|---------------|-------|-------|---------|---------|------|--------|--------|-------|------|-------|--------|-------|------|--------|----------|-------|-------------------|--------|----|-----|-----|----------|-----|--------|-------|
| Period        | NO    | RTH / | Appro   | ach     | SO   | UTH /  | Approa | ıch   | W    | EST A | Approa | ıch   | EA   | AST A  | pproa    | ch    | Total V<br>15-min | 'olume | ak |     |     |          |     | Con    | flict |
| <b>Begins</b> | Left  | Thru  | Right   | Total   | Left | Thru   | Right  | Total | Left | Thru  | Right  | Total | Left | Thru   | Right    | Total | 15-min            | Hour   | Pe | N   | S   | W        | Е   | 15 min | Hr    |
| 7:00          | 0     | 0     | 0       | _       |      | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0        | 0     | 0                 |        |    | 0   | 0   | 0        | 0   | 0      |       |
| 7:15          | 0     | 0     |         |         |      | 0      | 0      | 0     |      | 0     | 0      | 0     |      | 0      | 0        | 0     | 0                 |        |    | 0   | 0   | 0        | 0   | 0      |       |
| 7:30          | 0     | 0     |         |         |      | 0      | 0      | 0     |      | 0     | 0      | 0     | 0    | 0      | 0        | 0     | 0                 |        |    | 0   | 0   | 0        | 0   |        |       |
| 7:45          | 0     | 0     |         |         | 0    | 0      | 0      | 0     |      | 0     | 0      | 0     |      | 0      | 0        | 0     | 0                 | 0      |    | 0   | 0   | 0        | 0   | 0      | 0     |
| 8:00          | 0     | 0     |         |         | 0    | 0      | 0      | 0     |      | 0     | 0      | 0     |      | 0      | 0        | 0     | 0                 | 0      |    | 0   | 0   | 0        | 0   | 0      | 0     |
| 8:15          | 0     | 0     |         |         | _    | 0      | 0      | 0     |      | 0     |        | 0     |      | 0      | 0        | 0     |                   | 0      |    | 0   | 0   | 0        | 0   |        | 0     |
| 8:30          | 0     | 0     |         |         |      | 0      | 0      | 0     |      | 0     | 0      | 0     |      | 0      | 0        | 0     | 0                 | 0      |    | 0   | 0   | 0        | 0   |        | 0     |
| 8:45          | 0     | 0     |         |         | -    | 0      | 0      | 0     |      | 0     | 0      | 0     | 0    | 0      | 0        | 0     | 0                 |        |    | 0   | 0   | 0        | 0   |        | 0     |
| 9:00          | 0     | 0     |         |         | _    | 0      | 0      | 0     |      | 0     | 0      | 0     | 0    |        | 0        | 0     | 0                 |        |    | 0   | 0   | 0        | 0   | 0      | 0     |
| 9:15          | 0     | 0     | ·       |         |      | 0      | 0      | 0     |      | 0     | 0      | 0     |      |        | 0        | 0     | 0                 | _      |    | 0   | 0   | 0        | 0   |        | 0     |
| 9:30          | 0     | 0     |         |         |      | 0      | 0      | 0     |      | 0     | -      | 0     |      |        | 0        | 0     | 0                 | 0      |    | 0   | 0   | 0        | 0   |        | 0     |
| 9:45          | 0     | 0     |         |         |      | 0      | 0      | 0     |      | 0     | 0      | 0     | 0    | 0      | 0        | 0     | 0                 | 0      |    | 0   | 0   | 0        | 0   | 0      | 0     |
| 10:00         | 0     | 0     |         |         |      | 0      | 0      | 0     |      | 0     |        | 0     | 0    | 0      | 0        | 0     | 0                 |        |    | 0   | 0   | 0        | 0   | 0      | 0     |
| 10:15         | 0     | 0     |         |         |      | 0      | 0      | 0     |      | 0     | 0      | 0     |      |        | 0        | 0     | 0                 | 0      |    | 0   | 0   | 0        | 0   | 0      | 0     |
| 10:30         | 0     | 0     |         |         | _    | 0      | 0      | 0     |      | 0     | 0      | 0     |      |        | 0        | 0     | 0                 | _      |    | 0   | 0   | 0        | 0   |        | 0     |
| 10:45         | 0     | 0     |         |         |      | 0      | 0      | 0     | 0    | 0     | 0      | 0     |      | 0      | 0        | 0     |                   |        |    | 0   | 0   | 0        | 0   |        | 0     |
| 11:00         | 0     | 0     | 0       |         |      | 0      | 0      | 0     | 0    | 0     |        | 0     |      | 0      | 0        | 0     | 0                 |        | *  | 0   | 0   | 0        | 0   | 0      | 0     |
| 11:15         | 0     | 0     | 0       |         | _    | 0      | 0      | 0     |      | 0     |        | 0     |      |        | 0        | 0     | 0                 |        | *  | 0   | 0   | 0        | 0   | 0      | 0     |
| 11:30         | 0     | 0     |         |         |      | 0      | 0      | 0     | 0    | 0     |        | 0     |      | 0      | 0        | 0     | 0                 |        | *  | 0   | 0   | 0        | 0   | 0      | 0     |
| 11:45         | 0     | 0     | 0       | 0       | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0        | 0     | 0                 | 0      | +  | 0   | 0   | 0        | 0   | 0      | 0     |
| Total         | 0     | 0     | 0       | 0       | 0    | Λ      | 0      | 0     | Λ    | 0     | 0      | 0     | 0    | 0      | 0        | 0     | 0                 |        | Г  | 0   | 0   | ٥        | 0   | ı F    | 0     |
| Avg Hr        | 0     |       |         |         |      | 0      |        | 0     | 0    |       |        | 0     | 0    | 0      | 0        |       |                   |        | ŀ  | 0   | 0   | 0        | 0   |        | 0     |
|               |       |       |         |         |      |        | •      |       | · ·  |       |        |       |      | 9      | <u> </u> |       | -                 | ļ      | L  |     | •   | <u> </u> |     |        |       |
| Peak h        | our o | f the | inters  | sectio  | n    |        |        |       |      |       |        |       |      |        |          |       |                   | _      | _  |     |     |          |     | _      |       |
| Pk Hr         | 0     | 0     | 0       | 0       | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0        | 0     | 0                 | *      |    | 0   | 0   | 0        | 0   | . [    | 0     |
| 15x4          | 0     | 0     | 0       | 0       | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0        | 0     | 0                 | +      |    | 0   | 0   | 0        | 0   |        | 0     |
| PHF           | n/a   | n/a   | n/a     | n/a     | n/a  | n/a    | n/a    | n/a   | n/a  | n/a   | n/a    | n/a   | n/a  | n/a    | n/a      | n/a   | n/a               |        |    | n/a | n/a | n/a      | n/a | , [    | n/a   |
| Peak h        | our o | f con | flictin | na voli | umes | for th | e inte | rsect | ion  |       |        |       |      |        |          |       |                   |        |    |     |     |          |     |        |       |
| Pk Hr         | 0     |       |         | _       |      | 0      | 0      | 0     |      | 0     | 0      | 0     | 0    | 0      | 0        | 0     | 0                 | *      | Γ  | 0   | 0   | 0        | 0   |        | 0     |
| 15x4          | 0     | 0     |         |         | _    | 0      | 0      | 0     | 0    | 0     |        | 0     | 0    | 0      | 0        | 0     | 0                 | +      | ŀ  | 0   | 0   | 0        | 0   | , 1    | 0     |
| PHF           | n/a   | n/a   |         |         | _    | n/a    | n/a    | n/a   | n/a  | n/a   |        | n/a   | n/a  | n/a    | n/a      | n/a   | n/a               | -      | ŀ  | n/a | n/a | n/a      | n/a | ,      | n/a   |
|               |       |       |         |         |      |        |        |       |      |       |        |       |      |        |          |       |                   | •      |    |     |     |          |     | -      |       |

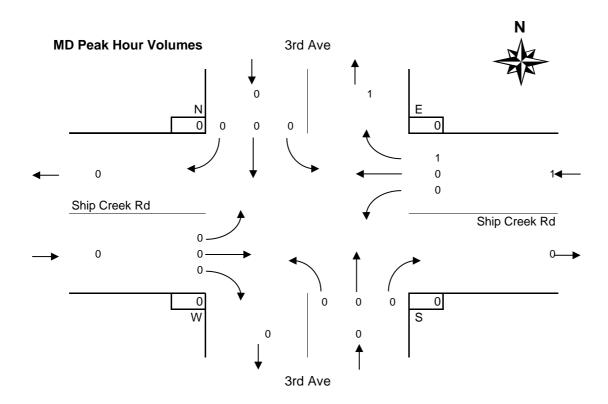
<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*





| Time          |      | 3rd     |        |        |      | 3rd    |        |       | S    | hip C | reek R | d     |      |       | eek R |       |                   |       |    |     |     |     |     |        |        |
|---------------|------|---------|--------|--------|------|--------|--------|-------|------|-------|--------|-------|------|-------|-------|-------|-------------------|-------|----|-----|-----|-----|-----|--------|--------|
| Period        | NO   | RTH A   | Approa | ach    | SO   | UTH A  | Approa | ach   | W    | EST A | Approa | ach   | EA   | AST A | pproa | ch    | Total V<br>15-min | olume | ak |     |     |     |     | Cor    | nflict |
| <b>Begins</b> | Left | Thru    | Right  | Total  | Left | Thru   | Right  | Total | Left | Thru  | Right  | Total | Left | Thru  | Right | Total | 15-min            | Hour  | Pe | N   | S   | W   | Е   | 15 min | Hr     |
| 12:00         | 0    | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0     | 0     | 0     | 0                 |       |    | 0   | 0   | 0   | 0   | 0      |        |
| 12:15         | 0    | 0       | 0      |        | 0    | 0      | 0      | 0     | 0    |       | 0      | 0     |      | 0     | 0     | 0     | Ů                 |       |    | 0   | 0   | 0   | 0   | 0      |        |
| 12:30         | 0    | 0       | 0      | 0      | 0    | 0      | _      | 0     | 0    |       | 0      | 0     |      | 0     | 0     | 0     | 0                 |       |    | 0   | 0   | 0   | 0   | 0      |        |
| 12:45         | 0    | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     |      | 0     | 0     | 0     | 0                 | 0     |    | 0   | 0   | 0   | 0   | 0      | 0      |
| 13:00         | 0    | 1       | 0      |        | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     |      | 0     | 0     | 0     | 1                 | 1     |    | 0   | 0   | 0   | 0   | 1      | 1      |
| 13:15         | 0    | 0       | 0      |        | 0    | 0      |        | 1     | 0    |       |        | 0     |      | 0     | 0     | 0     |                   | 2     |    | 0   | 0   | 0   | 0   | 1      | 2      |
| 13:30         | 0    | 0       | 0      |        | 0    | 0      |        | 0     | 0    |       |        | 0     |      | 0     | 0     | 0     | ~                 | 2     |    | 0   | 0   | 0   | 0   | 0      | 2      |
| 13:45         | 0    | 0       | 0      |        | 0    | 0      | 0      | 0     | 0    |       |        | 0     |      | 0     |       | 0     | 0                 | 2     |    | 0   | 0   | 0   | 0   | 0      | 2      |
| 14:00         | 0    | 0       | 0      |        | 0    | 0      | _      | 0     | 0    |       |        | 0     | 0    | 0     |       | 1     | 1                 | 2     | *  | 0   | 0   | 0   | 0   | 1      | 2      |
| 14:15         | 0    | 0       | 0      |        | 0    | 0      | _      | 0     | 0    |       |        | 0     |      | 0     | 0     | 0     | ~                 |       | +  | 0   | 0   | 0   | 0   | 0      | 1      |
| 14:30         | 0    | 0       | 0      |        | 0    | 0      |        | 0     | 0    | _     |        | 0     |      | 0     | 0     | 0     |                   | 1     | *  | 0   | 0   | 0   | 0   | 0      | 1      |
| 14:45         | 0    | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0     | 0     | 0     | 0                 | 1     | *  | 0   | 0   | 0   | 0   | 0      | 1      |
| n/a           |      |         |        |        |      |        |        |       |      |       |        |       |      |       |       |       |                   |       |    |     |     |     |     |        |        |
| n/a           |      |         |        |        |      |        |        |       |      |       |        |       |      |       |       |       |                   |       |    |     |     |     |     |        |        |
| n/a           |      |         |        |        |      |        |        |       |      |       |        |       |      |       |       |       |                   |       |    |     |     |     |     |        |        |
| n/a           |      |         |        |        |      |        |        |       |      |       |        |       |      |       |       |       |                   |       |    |     |     |     |     |        |        |
|               |      |         |        |        |      |        |        |       |      |       |        |       |      |       |       |       |                   | Ī     |    |     |     |     |     |        |        |
| Total         | 0    | 1       | 0      | 1      | 0    |        |        | 1     | 0    |       |        | 0     |      | 0     |       | 1     | 3                 |       |    | 0   | 0   | 0   | 0   | L      | 2      |
| Avg Hr        | 0    | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0     | 0     | 0     | 1                 |       | Į  | 0   | 0   | 0   | 0   |        |        |
|               |      |         |        |        |      |        |        |       |      |       |        |       |      |       |       |       |                   |       |    |     |     |     |     |        |        |
| Peak h        |      | f the i | nters  | ectio  |      |        |        |       |      |       |        |       |      |       |       |       |                   | ī     |    |     |     |     |     |        |        |
| Pk Hr         | 0    | 0       |        |        | 0    | _      | _      | 0     |      |       |        |       |      | 0     |       | 1     | 1                 | *     |    | 0   | 0   |     | 0   | ļ      | 1      |
| 15x4          | 0    | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | Ŭ     | _      | 0     | 0    | 0     |       | 4     | 4                 | +     |    | 0   | 0   | 0   | 0   | L      | 4      |
| PHF           | n/a  | n/a     | n/a    | n/a    | n/a  | n/a    | n/a    | n/a   | n/a  | n/a   | n/a    | n/a   | n/a  | n/a   | 0.25  | 0.25  | 0.25              |       | Į  | n/a | n/a | n/a | n/a |        | 0.25   |
|               |      |         |        |        |      |        |        |       |      |       |        |       |      |       |       |       |                   |       |    |     |     |     |     |        |        |
| Peak h        |      | f conf  | lictin | g volu | ımes | for th | e inte | rsect |      |       |        |       |      |       |       |       |                   | ī     |    |     |     |     |     |        |        |
| Pk Hr         | 0    | 0       |        |        | 0    |        |        | 0     |      |       |        | 0     |      | 0     |       | 1     | 1                 | *     |    | 0   | 0   | 0   | 0   | Ļ      | 1      |
| 15x4          | 0    | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    |       | _      | 0     |      | 0     |       | 4     | 4                 | +     | ļ  | 0   | 0   | 0   | 0   | ļ      | 4      |
| PHF           | n/a  | n/a     | n/a    | n/a    | n/a  | n/a    | n/a    | n/a   | n/a  | n/a   | n/a    | n/a   | n/a  | n/a   | 0.25  | 0.25  | 0.25              |       |    | n/a | n/a | n/a | n/a |        | 0.25   |

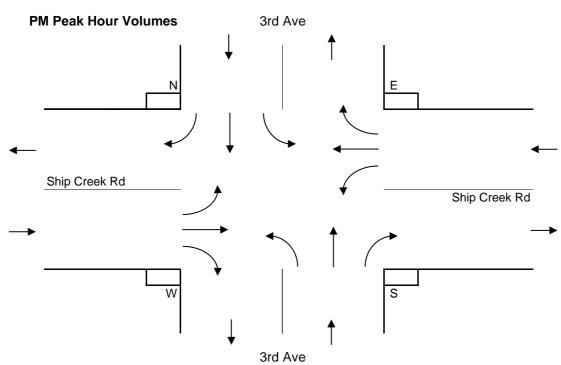
<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*



# **PM Peak Period** RVs

| Time          |       |       | Ave     |        |             |        | Ave            |        |      |      | reek F |       |      | hip Cr | reek R | Rd    |                   |       |    |   |   |   |   |        |        |
|---------------|-------|-------|---------|--------|-------------|--------|----------------|--------|------|------|--------|-------|------|--------|--------|-------|-------------------|-------|----|---|---|---|---|--------|--------|
| Period        | NO    |       | Appro   |        | SO          | UTH.   | Appro          | ach    |      |      | Approa |       | E    | AST A  | pproa  | ach   | Total V           | olume | ak |   |   |   |   | Cor    | nflict |
| <b>Begins</b> | Left  | Thru  | Right   | Total  | Left        | Thru   | Right          | Total  | Left | Thru | Right  | Total | Left | Thru   | Right  | Total | Total V<br>15-min | Hour  | Ье | Ν | S | W | Е | 15 min | Hr     |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| n/a           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
|               |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| Total         |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        | 0      |
| Avg Hr        |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
|               |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| Peak h        | our o | f the | inters  | sectio | n           |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        |        |
| Pk Hr         |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   | *     |    |   |   |   |   |        | 0      |
| 15x4          |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   | +     |    |   |   |   |   |        | 0      |
| PHF           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       |    |   |   |   |   |        | n/a    |
|               |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       | -  | - |   | - | - | -      |        |
| Peak h        | our o | f con | flictin | ıg vol | <u>umes</u> | for th | <u>ne inte</u> | ersect | ion  |      |        |       |      |        |        |       |                   | •     | _  |   |   |   |   |        |        |
| Pk Hr         |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   | *     |    |   |   |   |   |        | 0      |
| 15x4          |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   | +     |    |   |   |   |   |        | 0      |
| PHF           |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   |       | Ī  |   |   |   |   |        | n/a    |
|               |       |       |         |        |             |        |                |        |      |      |        |       |      |        |        |       |                   | •     | •  |   |   |   |   | •      |        |





Entire Survey Period 8 Hours

|        |      | 3rd  | Ave   |       |      | 3rd   | Ave   |       | S    | hip Cı | eek R  | ₹d    | S    | hip Cı | reek R | ₹d    |        | _ |   |
|--------|------|------|-------|-------|------|-------|-------|-------|------|--------|--------|-------|------|--------|--------|-------|--------|---|---|
|        | NO   | RTH  | Appro | ach   | SO   | UTH / | Appro | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa  | ach   | Total  |   |   |
|        | Left | Thru | Right | Total | Left | Thru  | Right | Total | Left | Thru   | Right  | Total | Left | Thru   | Right  | Total | Volume |   | N |
| Total  | 0    | 1    | 0     | 1     | 0    | 0     | 1     | 1     | 0    | 0      | 0      | 0     | 0    | 0      | 1      | 1     | 3      |   |   |
| Avg Hr | 0    | 0    | 0     | 0     | 0    | 0     | 0     | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0      |   |   |

| Ν | S | W | Е |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

AM Peak Period 5 Hours

|        |                | 3rd  | Ave   |       |      | 3rd   | Ave    |       | S    | hip Cı | eek R  | ld    | S    | hip Cı | reek R | ld    |        |
|--------|----------------|------|-------|-------|------|-------|--------|-------|------|--------|--------|-------|------|--------|--------|-------|--------|
|        | NORTH Approach |      |       | ach   | SO   | UTH A | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa  | ich   | Total  |
| Totals | Left           | Thru | Right | Total | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right  | Total | Volume |
| Period | 0              | 0    | 0     | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0      |
| Avg Hr | 0              | 0    | 0     | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 0      |

| N | S | W | Е |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

MD Peak Period 3 Hours

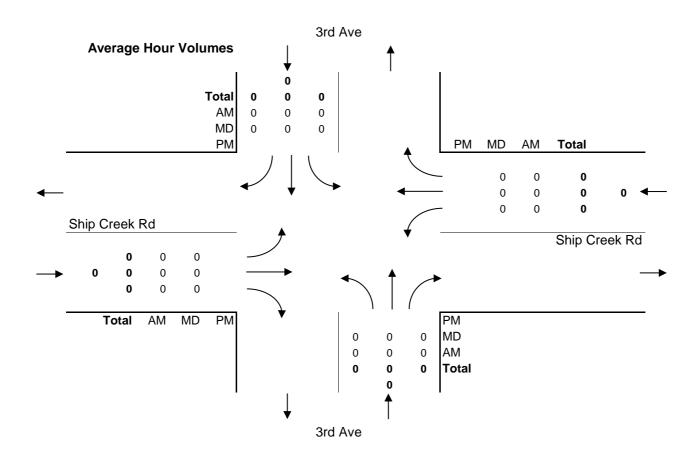
|        |                                    | 3rd  | Ave   |       |      | 3rd   | Ave    |       | S    | hip Cı | eek R  | ld    | S    | hip Cı | reek R | ₹d    |        |
|--------|------------------------------------|------|-------|-------|------|-------|--------|-------|------|--------|--------|-------|------|--------|--------|-------|--------|
|        | NORTH Approach Left Thru Right Tot |      |       | ach   | SO   | UTH / | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa  | ach   | Total  |
| Totals | Left                               | Thru | Right | Total | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right  | Total | Volume |
| Total  | 0                                  | 1    | 0     | 1     | 0    | 0     | 1      | 1     | 0    | 0      | 0      | 0     | 0    | 0      | 1      | 1     | 3      |
| Avg Hr | 0                                  | 0    | 0     | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0      | 0     | 1      |

| N | S | W | Е |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

PM Peak Period Hours

|        |                                      | 3rd  | Ave   |       |      | 3rd   | Ave    |       | S    | hip Cı | eek R  | ₹d    | S    | hip Cı | eek R | ₹d    |        |  |
|--------|--------------------------------------|------|-------|-------|------|-------|--------|-------|------|--------|--------|-------|------|--------|-------|-------|--------|--|
|        | NORTH Approach Left Thru Right Total |      |       | ach   | SO   | UTH / | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa | ach   | Total  |  |
| Totals | Left                                 | Thru | Right | Total | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right | Total | Volume |  |
| Total  |                                      |      |       |       |      |       |        |       |      |        |        |       |      |        |       |       |        |  |
| Avg Hr |                                      |      |       |       |      |       |        |       |      |        |        |       |      |        |       |       |        |  |

| N | S | W | Е |
|---|---|---|---|
|   |   |   |   |
|   |   |   |   |







# Vehicle Turning Movement Survey With Classification

Major Route:3rd AvenueMinor Route:Ship Creek RoadMunicipality:Port Alberni

Filename: 4-3rd Ave @ Ship Creek Rd-Sep 28, 2017.xlsx

Location #: 4

Date: September 28, 2017

Day-of-week: Thursday

East/West Route: Ship Creek Road

Intersection Type: 4-leg Signalized?: No

Weather: Clear and dry

Vehicle Classifications: Regular Vehicles

Buses

Articulated Trucks Cube Trucks Dump Trucks Emergency Trucks Garbage Trucks Logging Trucks

RVs

**Utility Trucks** 

| Shift | Start | End   | Duration |
|-------|-------|-------|----------|
| AM    | 7:00  | 12:00 | 5.00     |
| MD    | 12:00 | 15:00 | 3.00     |
| PM    |       |       |          |
| Total | 7:00  |       | 8.00     |

**Notes:** 24-hour clock used for reporting (15-minute increments)

North Approach - southbound vehicles approaching intersection from the north

15x4 - 15 min volume (from maximum 15 minute period of movement/approach in peak hour period [\*]) x 4

This data is for Utility Trucks

Pedestrians - N indicates pedestrians crossing north approach (east/west)

#### **Comments:**



### Survey Data Utility Trucks

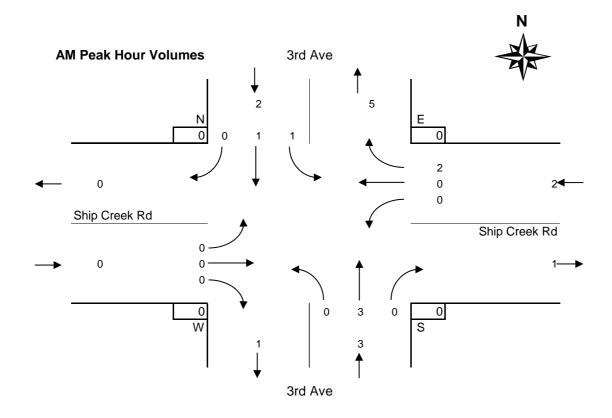
| Time         |        | 3rd   | Ave   |       |      | 3rd  | Ave    |       | S    | hip Cr | eek R  | d     | S    | hip Cr | eek F | Rd |                   |       |                      |   |               |                   |                |
|--------------|--------|-------|-------|-------|------|------|--------|-------|------|--------|--------|-------|------|--------|-------|----|-------------------|-------|----------------------|---|---------------|-------------------|----------------|
| Period       | NO     | RTH / |       | ach   |      | UTH  | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  |       |    | Total V<br>15-min | olume | sak                  |   |               |                   |                |
| Begins       | Left   | Thru  | Right | Total | Left | Thru | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right |    |                   | Hour  | Pe                   | N | S             | W                 | Е              |
| 7:00         | 0      | 0     | 0     | 0     | 0    | 0    | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     |    | 0                 |       |                      | 0 | 0             | 0                 | 0              |
| 7:15         | 0      | 0     | 0     | 0     | 0    | 0    |        | 0     | 0    | 0      |        | 0     | 0    | 0      | 0     |    | 0                 |       | Ш                    | 0 | 0             | 0                 | 0              |
| 7:30         | 0      | 0     | 0     | 0     | 0    | 0    |        | 0     | 0    | 0      |        | 0     | 0    | 0      | 0     |    | 0                 |       | Н                    | 0 | 0             | 0                 | 0              |
| 7:45         | 1      | 0     | 0     | 1     | 0    | 0    |        | 0     | 0    | 0      |        | 0     | 0    | 0      | 0     |    | 1                 | 1     | H                    | 0 | 0             | 0                 | 0              |
| 8:00         | 0      | 0     | 0     | 0     | 0    | 0    |        | 0     | 0    | 0      |        | 0     | 0    | 0      | 0     |    | 0                 | 1     |                      | 0 | 0             | 0                 | 0              |
| 8:15         | 0      | 0     | 0     | 0     | 0    | 0    |        | 0     | 0    | 0      |        | 0     | 0    | 0      | 0     |    | 0                 | 1     |                      | 0 | 0             | 0                 | 0              |
| 8:30<br>8:45 | 2      | 0     | 0     | 2     | 0    | 0    |        | 0     | 0    | 0      |        | 0     | 0    | 0      | 0     |    | 2                 | 3     | H                    | 0 | 0             | 0                 | 0              |
| 9:00         | 2<br>0 | 0     | 0     | 0     | 0    | 0    |        | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     |    | 0                 | 4     | H                    | 0 | 0             | 0                 | 0              |
| 9:00         | 0      | 0     | 0     | 0     | 0    | 0    |        | 0     | 0    | 1      | 0      | 1     | 0    | 0      | 0     |    | 1                 | 5     | H                    | 0 | 0             | 0                 | 0              |
| 9:30         | 0      | 0     | 0     | 0     | 0    | 0    |        | 0     | 0    | 0      |        | 0     | 0    | 0      | 1     |    | 1                 | 4     | $\vdash$             | 0 | 0             | 0                 | 0              |
| 9:45         | 1      | 0     | 1     | 2     | 0    | 0    |        | 0     | 0    | 0      |        | 0     | 0    | 0      | 1     |    | 3                 | 5     | -                    | 0 | 0             | 0                 | 0              |
| 10:00        | 0      | 0     | 0     | 0     | 0    | 0    |        | 0     | 1    | 0      |        | 1     | 0    | 0      | 0     |    | 1                 | 6     | -                    | 0 | 0             | 0                 | 0              |
| 10:15        | 1      | 0     | 0     | 1     | 0    | 0    |        | 0     | 0    | 0      |        | 0     | 0    | 0      | 0     |    | 1                 | 6     | -                    | 0 | 0             | 0                 | 0              |
| 10:30        | 0      | 1     | 0     | 1     | 0    | 0    |        | 0     | 0    | 0      |        | 0     | 0    | 0      | 3     |    | 4                 | 9     | -                    | 0 | 0             | 0                 | 0              |
| 10:45        | 0      | 0     | 0     | 0     | 0    | 0    |        | 0     | 0    | 0      |        | 0     | 0    | 0      | 1     |    | 1                 | 7     | H                    | 0 | 0             | 0                 | 0              |
| 11:00        | 1      | 0     | 0     | 1     | 0    | 1    | 0      | 1     | 0    | 0      |        | 0     | 0    | 0      | 0     |    | 2                 | 8     | *                    | 0 | 0             | 0                 | 0              |
| 11:15        | 0      | 0     | 0     | 0     | 0    | 0    |        | 0     | 0    | 0      |        | 0     | 0    | 0      | 1     |    | 1                 | 8     | -                    | 0 | 0             | 0                 | 0              |
| 11:30        | 0      | 0     | 0     | 0     | 0    | 0    |        | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 1     |    | 1                 | 5     | _                    | 0 | 0             | 0                 | 0              |
| 11:45        | 0      | 1     | 0     | 1     | 0    | 2    |        | 2     | 0    | 0      |        | 0     | 0    | 0      | 0     |    | 3                 |       | +                    | 0 | 0             | 0                 | 0              |
| Total        | 8      | 2     | 1     | 11    | 0    | 3    |        | 3     | 1    | 1      | 0      | 2     | 0    |        |       |    |                   | •     |                      | 0 | 0             | 0                 | 0              |
|              |        |       |       |       |      |      |        |       |      |        |        |       |      |        |       |    |                   |       |                      |   |               |                   |                |
| 12:00        | 1      | 0     | 0     | 1     | 0    | 0    | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0  | 1                 |       | П                    | 0 | 0             | 0                 | 0              |
| 12:15        | 0      | 0     | 0     | 0     | 0    | 0    |        | 0     | 0    | 0      |        | 0     | 0    | 0      | 0     |    | 0                 |       |                      | 0 | 0             | 0                 | 0              |
| 12:30        | 1      | 0     | 0     | 1     | 0    | 0    | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 1     | 1  | 2                 |       |                      | 0 | 0             | 0                 | 0              |
| 12:45        | 1      | 0     | 0     | 1     | 0    | 0    | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0  | 1                 | 4     |                      | 0 | 0             | 0                 | 0              |
| 13:00        | 0      | 1     | 1     | 2     | 0    | 0    | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 1     | 1  | 3                 | 6     |                      | 0 | 0             | 0                 | 0              |
| 13:15        | 1      | 0     | 0     | 1     | 0    | 1    | 0      | 1     | 1    | 0      | 0      | 1     | 0    | 0      | 0     | 0  | 3                 | 9     |                      | 0 | 0             | 0                 | 0              |
| 13:30        | 0      | 0     | 0     | 0     | 0    | 1    | 0      | 1     | 0    | 0      | 0      | 0     | 0    | 0      | 1     | 1  | 2                 | 9     |                      | 0 | 0             | 0                 | 0              |
| 13:45        | 0      | 0     | 0     | 0     | 0    | 0    | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0  | 0                 | 8     |                      | 0 | 0             | 0                 | 0              |
| 14:00        | 0      | 0     | 0     | 0     | 0    | 0    | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 0     | 0  | 0                 | 5     | *                    | 0 | 0             | 0                 | 0              |
| 14:15        | 1      | 0     | 0     | 1     | 0    | 0    | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 1     | 1  | 2                 | 4     | +                    | 0 | 0             | 0                 | 0              |
| 14:30        | 0      | 0     | 0     | 0     | 0    | 0    | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 2     | 2  | 2                 | 4     | *                    | 0 | 0             | 0                 | 0              |
| 14:45        | 0      | 0     | 0     | 0     | 0    | 0    | 0      | 0     | 0    | 0      | 0      | 0     | 0    | 0      | 1     | 1  | 1                 | 5     | *                    | 0 | 0             | 0                 | 0              |
| n/a          |        |       |       |       |      |      |        |       |      |        |        |       |      |        |       |    |                   |       |                      |   |               |                   |                |
| n/a          |        |       |       |       |      |      |        |       |      |        |        |       |      |        |       |    |                   |       |                      |   |               |                   |                |
| n/a          |        |       |       |       |      |      |        |       |      |        |        |       |      |        |       |    |                   |       |                      |   |               |                   |                |
| n/a          |        |       |       |       |      |      |        |       |      |        |        |       |      |        |       |    |                   |       |                      |   |               |                   |                |
| Total        | 5      | 1     | 1     | 7     | 0    | 2    | 0      | 2     | 1    | 0      | 0      | 1     | 0    | 0      | 7     | 7  | 17                |       |                      | 0 | 0             | 0                 | 0              |
| ,            | 1      |       |       |       | 1    |      |        |       |      |        | - 1    |       | 1    |        |       |    |                   |       |                      |   |               |                   |                |
| n/a          |        |       |       |       |      |      |        |       |      |        |        |       |      |        |       |    |                   |       |                      |   |               |                   | <b>——</b>      |
| n/a          |        |       |       |       |      |      |        |       |      |        |        |       |      |        |       |    |                   |       | Н                    |   |               |                   |                |
| n/a          |        |       |       |       |      |      |        |       |      |        |        |       |      |        |       |    |                   |       | Н                    |   |               |                   |                |
| n/a          |        |       |       |       |      |      |        |       |      |        |        |       |      |        |       |    |                   |       | H                    |   |               |                   | $\blacksquare$ |
| n/a          |        |       |       |       |      |      |        |       |      |        |        |       |      |        |       |    |                   |       | Н                    |   | <del> }</del> |                   |                |
| n/a          |        |       |       |       |      |      |        |       |      |        |        |       |      |        |       |    |                   |       | ${oldsymbol{dash}}$  |   |               | $\longrightarrow$ |                |
| n/a          |        |       |       |       |      |      |        |       |      |        |        |       |      |        |       |    |                   |       | ${oldsymbol{arphi}}$ |   |               | $\longrightarrow$ |                |
| n/a          |        |       |       |       |      |      |        |       |      |        |        |       |      |        |       |    |                   |       | Н                    |   |               | <del> </del>      |                |
| n/a<br>n/a   |        |       |       |       |      |      |        |       |      |        |        |       |      |        |       |    |                   |       | Н                    |   |               | <del> </del>      |                |
| n/a<br>n/a   |        |       |       |       |      |      |        |       |      |        |        |       |      |        |       |    |                   |       | H                    |   |               | $\longrightarrow$ |                |
| n/a<br>n/a   |        |       |       |       |      |      |        |       |      |        |        |       |      |        |       |    |                   |       | H                    |   |               | $\longrightarrow$ | $\overline{}$  |
| n/a          |        |       |       |       |      |      |        |       |      |        |        |       |      |        |       |    |                   |       | $\vdash \vdash$      |   |               | $\longrightarrow$ |                |
| n/a          |        |       |       |       |      |      |        |       |      |        |        |       |      |        |       |    |                   |       | $\vdash$             |   |               | $\longrightarrow$ |                |
| n/a          |        |       |       |       |      |      |        |       |      |        |        |       |      |        |       |    |                   |       | $\vdash \vdash$      |   |               | $\longrightarrow$ |                |
| n/a          |        |       |       |       |      |      |        |       |      |        |        |       |      |        |       |    |                   |       | $\vdash$             |   |               | $\longrightarrow$ |                |
| n/a          |        |       |       |       |      |      |        |       |      |        |        |       |      |        |       |    |                   |       | H                    |   |               | $\longrightarrow$ |                |
| n/a          |        |       |       |       |      |      |        |       |      |        |        |       |      |        |       |    |                   |       | $\vdash$             |   |               | $\longrightarrow$ |                |
| n/a          |        |       |       |       |      |      |        |       |      |        |        |       |      |        |       |    |                   |       | $\vdash \vdash$      |   |               | $\longrightarrow$ |                |
| n/a          |        |       |       |       |      |      |        |       |      |        |        |       |      |        |       |    |                   |       | H                    |   |               | $\longrightarrow$ |                |
| Total        |        |       |       |       |      |      |        |       |      |        |        |       |      |        |       |    |                   |       |                      |   |               |                   |                |
| Total        |        |       |       |       |      |      |        |       |      |        |        |       |      |        |       |    |                   |       |                      |   |               |                   |                |



# AM Peak Period Utility Trucks

| Time          |       | 3rd /   | Ave    |        |      | 3rd    | Ave    |       | S    | hip C | reek R | d     | S    | hip Cr | eek R | .d    |                   |       |    |     |     |     |     |        |       |
|---------------|-------|---------|--------|--------|------|--------|--------|-------|------|-------|--------|-------|------|--------|-------|-------|-------------------|-------|----|-----|-----|-----|-----|--------|-------|
| Period        | NO    | RTH A   | Appro  | ach    | SO   | UTH A  | Approa | ich   | W    | EST A | Approa | ich   | E/   | AST A  | pproa | ıch   | Total V<br>15-min | olume | ak |     |     |     |     | Con    | flict |
| <b>Begins</b> | Left  | Thru    | Right  | Total  | Left | Thru   | Right  | Total | Left | Thru  | Right  | Total | Left | Thru   | Right | Total | 15-min            | Hour  | Pe | N   | S   | W   | Е   | 15 min | Hr    |
| 7:00          | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 |       |    | 0   | 0   | 0   | 0   | 0      |       |
| 7:15          | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 |       |    | 0   | 0   | 0   | 0   | 0      |       |
| 7:30          | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 |       |    | 0   | 0   | 0   | 0   | 0      |       |
| 7:45          | 1     | 0       | 0      | 1      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 1                 | 1     |    | 0   | 0   | 0   | 0   | 1      | 1     |
| 8:00          | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 1     |    | 0   | 0   | 0   | 0   | 0      | 1     |
| 8:15          | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 1     |    | 0   | 0   | 0   | 0   | 0      | 1     |
| 8:30          | 2     | 0       | 0      | 2      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 2                 | 3     |    | 0   | 0   | 0   | 0   | 2      | 3     |
| 8:45          | 2     | 0       | 0      | 2      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 2                 | 4     |    | 0   | 0   | 0   | 0   | 2      | 4     |
| 9:00          | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 4     |    | 0   | 0   | 0   | 0   | 0      | 4     |
| 9:15          | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 1     | 0      | 1     | 0    | 0      | 0     | 0     | 1                 | 5     |    | 0   | 0   | 0   | 0   | 1      | 5     |
| 9:30          | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 1     | 1     | 1                 | 4     |    | 0   | 0   | 0   | 0   | 1      | 4     |
| 9:45          | 1     | 0       | 1      | 2      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     | 0    | 0      | 1     | 1     | 3                 | 5     |    | 0   | 0   | 0   | 0   | 2      | 4     |
| 10:00         | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 1    | 0     | 0      | 1     | 0    | 0      | 0     | 0     | 1                 | 6     |    | 0   | 0   | 0   | 0   | 1      | 5     |
| 10:15         | 1     | 0       | 0      |        | 0    | 0      | 0      | 0     |      | 0     | 0      | 0     | _    | 0      | 0     | 0     | 1                 | 6     |    | 0   | 0   | 0   | 0   | 1      | 5     |
| 10:30         | 0     | 1       | 0      |        | 0    | 0      | 0      | 0     |      | 0     | 0      | 0     |      |        | 3     | 3     | 4                 | 9     |    | 0   | 0   | 0   | 0   | 4      | 8     |
| 10:45         | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     |      |        | 1     | 1     | 1                 | 7     |    | 0   | 0   | 0   | 0   | 1      | 7     |
| 11:00         | 1     | 0       | 0      | 1      | 0    | 1      | 0      | 1     | 0    | 0     | 0      | 0     |      |        | 0     | 0     | 2                 | 8     | *  | 0   | 0   | 0   | 0   | 2      | 8     |
| 11:15         | 0     | 0       | 0      |        | 0    | 0      | 0      | 0     |      | 0     | 0      | 0     |      |        | 1     | 1     | 1                 | 8     | *  | 0   | 0   | 0   | 0   | 1      | 8     |
| 11:30         | 0     | 0       | 0      | 0      | 0    | 0      | 0      | 0     | 0    | 0     | 0      | 0     |      | 0      | 1     | 1     | 1                 | 5     |    | 0   | 0   | 0   | 0   | 1      | 5     |
| 11:45         | 0     | 1       | 0      | 1      | 0    | 2      | 0      | 2     | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 3                 | 7     | +  | 0   | 0   | 0   | 0   | 2      | 6     |
|               |       |         |        | ·      |      |        |        |       |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     | _      |       |
| Total         | 8     | 2       | 1      | 11     | 0    | 3      | 0      | 3     | 1    | 1     | 0      | 2     | 0    | 0      | 8     | 8     | 24                |       |    | 0   | 0   | 0   | 0   |        | 20    |
| Avg Hr        | 2     | 0       | 0      | 2      | 0    | 1      | 0      | 1     | 0    | 0     | 0      | 0     | 0    | 0      | 2     | 2     | 5                 |       |    | 0   | 0   | 0   | 0   | ·—     |       |
|               |       |         |        |        |      |        |        |       |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |       |
| Peak h        | our o | f the i | nters  | ectio  | n    |        |        |       |      |       |        |       |      |        |       |       |                   |       | _  |     |     |     |     | _      |       |
| Pk Hr         | 1     | 1       | 0      | 2      | 0    | 3      | 0      | 3     | 0    | 0     | 0      | 0     | 0    | 0      | 2     | 2     | 7                 | *     |    | 0   | 0   | 0   | 0   |        | 6     |
| 15x4          | 4     | 4       | 0      | 4      | 0    | 8      | 0      | 8     | 0    | 0     | 0      | 0     | 0    | 0      | 4     | 4     | 12                | +     |    | 0   | 0   | 0   | 0   |        | 16    |
| PHF           | 0.25  | 0.25    | n/a    | 0.50   | n/a  | 0.38   | n/a    | 0.38  | n/a  | n/a   | n/a    | n/a   | n/a  | n/a    | 0.50  | 0.50  | 0.58              |       |    | n/a | n/a | n/a | n/a |        | 0.38  |
|               |       |         |        |        |      |        |        |       |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     | _      |       |
| Peak h        | our o | f conf  | lictin | g volu | ımes | for th | e inte | rsect | tion |       |        |       |      |        |       |       |                   |       | _  |     |     |     |     | _      |       |
| Pk Hr         | 1     | 1       | 0      | 2      | 0    | 3      | 0      | 3     | 0    | 0     | 0      | 0     | 0    | 0      | 2     | 2     | 7                 | *     |    | 0   | 0   | 0   | 0   |        | 6     |
| 15x4          | 4     | 4       | 0      | 4      | 0    | 8      | 0      | 8     | 0    | 0     | 0      | 0     | 0    | 0      | 4     | 4     | 12                | +     |    | 0   | 0   | 0   | 0   |        | 16    |
| PHF           | 0.25  | 0.25    | n/a    | 0.50   | n/a  | 0.38   | n/a    | 0.38  | n/a  | n/a   | n/a    | n/a   | n/a  | n/a    | 0.50  | 0.50  | 0.58              |       |    | n/a | n/a | n/a | n/a |        | 0.38  |

<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*

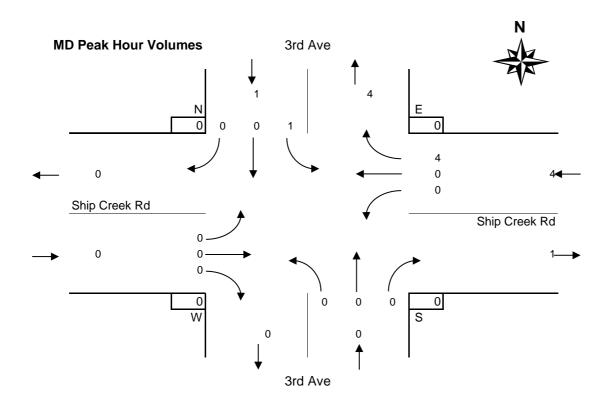




#### MD Peak Period Utility Trucks

| Time          |       | 3rd   |         |        |      | 3rd    | Ave    |        | S    | hip C | reek R | d     | S    | hip Cr | eek R | ld    |                   |       |    |     |     |     |     |        |        |
|---------------|-------|-------|---------|--------|------|--------|--------|--------|------|-------|--------|-------|------|--------|-------|-------|-------------------|-------|----|-----|-----|-----|-----|--------|--------|
| Period        | NO    | RTH / | Appro   | ach    | SO   | UTH A  | Approa | ach    | W    |       | Approa |       | E    | AST A  | pproa | ich   | Total V<br>15-min | olume | ak |     |     |     |     | Cor    | nflict |
| <b>Begins</b> | Left  | Thru  | Right   | Total  | Left | Thru   | Right  | Total  | Left | Thru  | Right  | Total | Left | Thru   | Right | Total | 15-min            | Hour  | Pe | N   | S   | W   | Е   | 15 min | Hr     |
| 12:00         | 1     | 0     | 0       | 1      | 0    | 0      | 0      | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 1                 |       |    | 0   | 0   | 0   | 0   | 1      |        |
| 12:15         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 |       |    | 0   | 0   | 0   | 0   | 0      |        |
| 12:30         | 1     | 0     | 0       | 1      | 0    | 0      | 0      | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 1     | 1     | 2                 |       |    | 0   | 0   | 0   | 0   | 2      |        |
| 12:45         | 1     | 0     | 0       | 1      | 0    | 0      | 0      | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 1                 | 4     |    | 0   | 0   | 0   | 0   | 1      | 4      |
| 13:00         | 0     | 1     | 1       | 2      | 0    | 0      | 0      | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 1     | 1     | 3                 |       |    | 0   | 0   | 0   | 0   | 3      | 6      |
| 13:15         | 1     | 0     | 0       | 1      | 0    | 1      | 0      | 1      | 1    | 0     | 0      | 1     | 0    | 0      | 0     | 0     | 3                 | 9     |    | 0   | 0   | 0   | 0   | 3      | 9      |
| 13:30         | 0     | 0     | 0       | 0      | 0    | 1      | 0      | 1      | 0    | 0     | 0      | 0     | 0    | 0      | 1     | 1     | 2                 | 9     |    | 0   | 0   | 0   | 0   | 2      | 9      |
| 13:45         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 8     |    | 0   | 0   | 0   | 0   | 0      | 8      |
| 14:00         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 0     | 0     | 0                 | 5     | *  | 0   | 0   | 0   | 0   | 0      | 5      |
| 14:15         | 1     | 0     | 0       | 1      | 0    | 0      | 0      | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 1     | 1     | 2                 | 4     | +  | 0   | 0   | 0   | 0   | 2      | 4      |
| 14:30         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 2     | 2     | 2                 | 4     | *  | 0   | 0   | 0   | 0   | 2      | 4      |
| 14:45         | 0     | 0     | 0       | 0      | 0    | 0      | 0      | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 1     | 1     | 1                 | 5     | *  | 0   | 0   | 0   | 0   | 1      | 5      |
| n/a           |       |       |         |        |      |        |        |        |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
| n/a           |       |       |         |        |      |        |        |        |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
| n/a           |       |       |         |        |      |        |        |        |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
| n/a           |       |       |         |        |      |        |        |        |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
|               |       |       |         |        |      |        |        |        |      |       |        |       |      |        |       |       |                   | -     |    |     |     |     |     |        |        |
| Total         | 5     | 1     | 1       | 7      | 0    | 2      | 0      | 2      | 1    | 0     | 0      | 1     | 0    | 0      | 7     | 7     | 17                |       |    | 0   | 0   | 0   | 0   |        | 15     |
| Avg Hr        | 2     | 0     | 0       | 2      | 0    | 1      | 0      | 1      | 0    | 0     | 0      | 0     | 0    | 0      | 2     | 2     | 6                 |       |    | 0   | 0   | 0   | 0   |        |        |
| ,             |       |       |         |        |      |        |        |        |      |       |        |       |      |        |       |       |                   | -     |    |     |     |     |     |        |        |
| Peak h        | our o | f the | inters  | ection | n    |        |        |        |      |       |        |       |      |        |       |       |                   | -     |    |     |     |     |     | _      |        |
| Pk Hr         | 1     | 0     | 0       | 1      | 0    | 0      | 0      |        | 0    | 0     | 0      | 0     | 0    | 0      | 4     | 4     | 5                 |       |    | 0   | 0   | 0   | 0   |        | 5      |
| 15x4          | 4     | 0     |         | 4      | 0    | 0      | 0      | 0      | 0    | 0     | 0      | 0     | 0    | 0      | 8     | 8     | 8                 | +     |    | 0   | 0   | 0   | 0   |        | 12     |
| PHF           | 0.25  | n/a   | n/a     | 0.25   | n/a  | n/a    | n/a    | n/a    | n/a  | n/a   | n/a    | n/a   | n/a  | n/a    | 0.50  | 0.50  | 0.63              |       |    | n/a | n/a | n/a | n/a |        | 0.42   |
|               |       |       |         |        |      |        |        |        |      |       |        |       |      |        |       |       |                   |       |    |     |     |     |     |        |        |
| Peak h        | our o | f con | flictin | g volu | umes | for th | e inte | ersect | ion  |       |        |       |      |        |       |       |                   | •     | -  |     |     |     |     |        |        |
| Pk Hr         | 1     | 0     | Ŭ       | 1      | 0    | 0      | 0      | 0      | 0    |       |        | 0     | 0    | 0      | 4     | 4     | 5                 |       | L  | 0   | 0   | 0   | 0   |        | 5      |
| 15x4          | 4     | 0     | 0       | 4      | 0    | 0      | 0      | 0      | 0    | 0     | 0      | 0     |      |        | 8     | 8     | 8                 | +     | L  | 0   | 0   | 0   | 0   |        | 12     |
| PHF           | 0.25  | n/a   | n/a     | 0.25   | n/a  | n/a    | n/a    | n/a    | n/a  | n/a   | n/a    | n/a   | n/a  | n/a    | 0.50  | 0.50  | 0.63              |       |    | n/a | n/a | n/a | n/a |        | 0.42   |

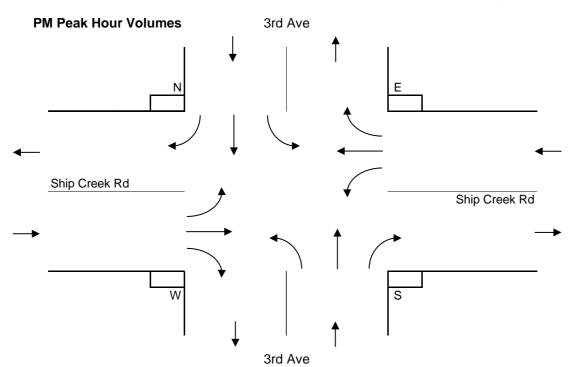
<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*



#### PM Peak Period Utility Trucks

| Time          |       | 3rd   | Ave     |        |      |        | Ave     |        |      | hip Cı |        |       |      | hip Cı | eek R | Rd    |                   |       |    |   |   |   |   |            |        |
|---------------|-------|-------|---------|--------|------|--------|---------|--------|------|--------|--------|-------|------|--------|-------|-------|-------------------|-------|----|---|---|---|---|------------|--------|
| Period        | NO    |       | Appro   |        |      |        | Appro   |        | W    | EST A  | Approa | ach   | E    | AST A  | pproa | ach   | Total V<br>15-min | olume | ak |   |   |   |   | Cor        | nflict |
| <b>Begins</b> | Left  | Thru  | Right   | Total  | Left | Thru   | Right   | Total  | Left | Thru   | Right  | Total | Left | Thru   | Right | Total | 15-min            | Hour  | Pe | N | S | W | Е | 15 min     | Hr     |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |            |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |            |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |            |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |            |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |            |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |            |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |            |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |            |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |            |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |            |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |            |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |            |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |            |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |            |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |            |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |            |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |            |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |            |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |            |        |
| n/a           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |            |        |
|               |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |            |        |
| Total         |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       | ı  |   |   |   |   | į l        | 0      |
| Avg Hr        |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       | L  |   |   |   |   |            |        |
| Peak h        | our o | f the | intors  | ectio  | n    |        |         |        |      |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |            |        |
| Pk Hr         | oui c | Tille | Inters  | I      | •••  |        |         |        |      |        |        |       |      |        |       |       |                   | *     | ſ  |   |   |   |   | i F        | 0      |
| 15x4          |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   | +     | ŀ  |   |   |   |   |            | 0      |
| PHF           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   | т     | ŀ  |   |   |   |   |            | n/a    |
| 1 1 11        |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       | L  |   |   |   |   | ı <b>L</b> | 11/4   |
| Peak h        | our o | f con | flictin | ng vol | umes | for th | ne inte | ersect | ion  |        |        |       |      |        |       |       |                   |       |    |   |   |   |   |            |        |
| Pk Hr         |       |       |         | Ĭ      |      |        |         |        |      |        |        |       |      |        |       |       |                   | *     | Ī  |   |   |   |   |            | 0      |
| 15x4          |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   | +     | Ì  |   |   |   |   |            | 0      |
| PHF           |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       | Ì  |   |   |   |   |            | n/a    |
|               |       |       |         |        |      |        |         |        |      |        |        |       |      |        |       |       |                   |       | L  |   |   |   |   |            |        |







Entire Survey Period 8 Hours

|        |      | 3rd   | Ave   |       |      | 3rd   | Ave   |       | S    | hip Cı | eek R  | ld    | S             | hip Cı | eek R | ld    |        | _ |   |
|--------|------|-------|-------|-------|------|-------|-------|-------|------|--------|--------|-------|---------------|--------|-------|-------|--------|---|---|
|        | NO   | RTH / | Appro | ach   | SO   | UTH / | Appro | ach   | W    | EST A  | Approa | ach   | EAST Approach |        |       | ich   | Total  |   |   |
|        | Left | Thru  | Right | Total | Left | Thru  | Right | Total | Left | Thru   | Right  | Total | Left          |        |       | Total | Volume | ſ | ١ |
| Total  | 13   | 3     | 2     | 18    | 0    | 5     | 0     | 5     | 2    | 1      | 0      | 3     | 0             | 0      | 15    | 15    | 41     |   |   |
| Avg Hr | 2    | 0     | 0     | 2     | 0    | 1     | 0     | 1     | 0    | 0      | 0      | 0     | 0             | 0      | 2     | 2     | 5      |   |   |

| N | S | W | Е |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

AM Peak Period 5 Hours

|        |      | 3rd   | Ave   |       |      | 3rd   | Ave    |       | S    | hip Cı | eek R  | ld    | S    | hip Cı | reek R | ₹d    |        |
|--------|------|-------|-------|-------|------|-------|--------|-------|------|--------|--------|-------|------|--------|--------|-------|--------|
|        | NO   | RTH / | Appro | ach   | SO   | UTH A | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa  | ach   | Total  |
| Totals | Left | Thru  | Right | Total | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right  | Total | Volume |
| Period | 8    | 2     | 1     | 11    | 0    | 3     | 0      | 3     | 1    | 1      | 0      | 2     | 0    | 0      | 8      | 8     | 24     |
| Avg Hr | 2    | 0     | 0     | 2     | 0    | 1     | 0      | 1     | 0    | 0      | 0      | 0     | 0    | 0      | 2      | 2     | 5      |

| N | S | W | Е |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

MD Peak Period 3 Hours

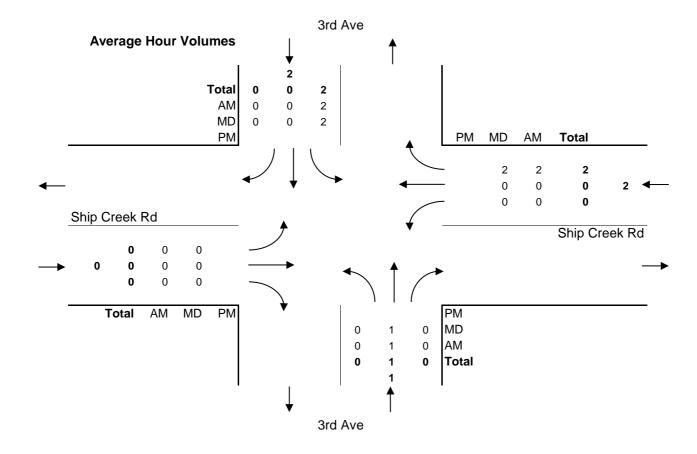
|        |      | 3rd                                  | Ave   |       |      | 3rd   | Ave    |       | S    | hip Cı | eek R  | ld    | S    | hip Cı | reek R | ₹d    |        |
|--------|------|--------------------------------------|-------|-------|------|-------|--------|-------|------|--------|--------|-------|------|--------|--------|-------|--------|
|        | NO   | NORTH Approach  Left Thru Right Tota |       |       | SO   | UTH A | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa  | ach   | Total  |
| Totals | Left | Thru                                 | Right | Total | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right  | Total | Volume |
| Total  | 5    | 1                                    | 1     | 7     | 0    | 2     | 0      | 2     | 1    | 0      | 0      | 1     | 0    | 0      | 7      | 7     | 17     |
| Avg Hr | 2    | 0                                    | 0     | 2     | 0    | 1     | 0      | 1     | 0    | 0      | 0      | 0     | 0    | 0      | 2      | 2     | 6      |

| N | S | W | Е |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

PM Peak Period Hours

|        |  | 3rd  | Ave   |       |      | 3rd   | Ave    |       | S    | hip Cı | eek R  | ?d    | S    | hip Cı | reek R | ₹d    |        |  |
|--------|--|------|-------|-------|------|-------|--------|-------|------|--------|--------|-------|------|--------|--------|-------|--------|--|
|        | NORTH Approach  Left   Thru   Right   Tota |      |       | ach   | SO   | UTH A | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa  | ach   | Total  |  |
| Totals | Left                                       | Thru | Right | Total | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right  | Total | Volume |  |
| Total  |  |      |       |       |      |       |        |       |      |        |        |       |      |        |        |       |        |  |
| Avg Hr |  |      |       |       |      |       |        |       |      |        |        |       |      |        |        |       |        |  |

| N | S | W | Е |
|---|---|---|---|
|   |   |   |   |
|   |   |   |   |





# Vehicle Turning Movement Survey With Classification

Major Route:3rd AvenueMinor Route:Ship Creek RoadMunicipality:Port Alberni

Filename: 4-3rd Ave @ Ship Creek Rd-Sep 28, 2017.xlsx

Location #: 4

Date: September 28, 2017

Day-of-week: Thursday

East/West Route: Ship Creek Road

Intersection Type: 4-leg Signalized?: No

Weather: Clear and dry

Vehicle Classifications: Regular Vehicles

Buses

Articulated Trucks
Cube Trucks
Dump Trucks
Emergency Trucks
Garbage Trucks
Logging Trucks

RVs

**Utility Trucks** 

| Shift | Start | End   | Duration |
|-------|-------|-------|----------|
| AM    | 7:00  | 12:00 | 5.00     |
| MD    | 12:00 | 15:00 | 3.00     |
| PM    |       |       |          |
| Total | 7:00  |       | 8.00     |

**Notes:** 24-hour clock used for reporting (15-minute increments)

North Approach - southbound vehicles approaching intersection from the north

15x4 - 15 min volume (from maximum 15 minute period of movement/approach in peak hour period [\*]) x 4

This data is for All Vehicles Combined

Pedestrians - N indicates pedestrians crossing north approach (east/west)

#### **Comments:**



# **Survey Data**All Vehicles Combined

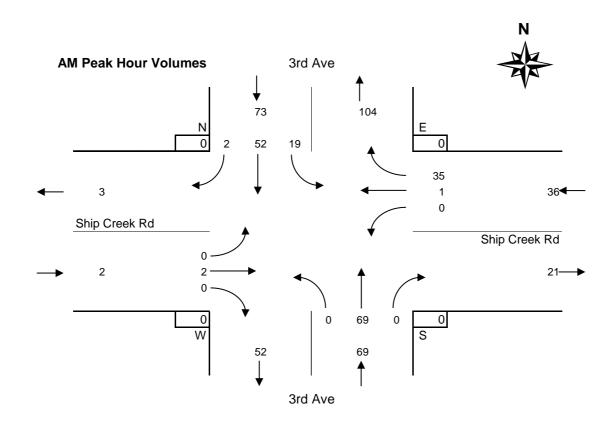
| Time           | 3rd Ave 3rd Ave |         |        |          |      |          |        | S        | hip Cı | reek R | ld     | S     | hip C | reek F | Rd       |         |          |            |                     |   |       |       |                |
|----------------|-----------------|---------|--------|----------|------|----------|--------|----------|--------|--------|--------|-------|-------|--------|----------|---------|----------|------------|---------------------|---|-------|-------|----------------|
| Period         | NO              |         | Appro  | ach      | SO   |          | Appro  | ach      |        |        | Approa |       |       |        | Approa   |         | Total V  | olume      | ak                  | ( | Cross | walks | 3              |
| Begins         | Left            | Thru    | Right  | Total    | Left | Thru     | Right  | Total    | Left   | Thru   | Right  | Total | Left  | Thru   | Right    |         | Total V  | Hour       | Pe                  | N | S     | W     | Е              |
| 7:00           | 4               | 1       | 0      | 5        | 0    | 4        | 0      | 4        | 0      | 1      | 0      | 1     | 0     | 0      | 1        | 1       | 11       |            |                     | 0 | 0     | 0     | 0              |
| 7:15           | 8               | 3       | 0      | 11       | 0    | 6        | 0      | 6        | 0      | 0      | 0      | 0     | 0     | 1      | 1        | 2       | 19       |            |                     | 0 | 0     | 0     | 0              |
| 7:30           | 7               | 7       | 0      | 14       | 0    | 9        | 1      | 10       | 0      | 0      | 0      | 0     | 0     | 1      | 5        | 6       | 30       |            |                     | 0 | 0     | 0     | 0              |
| 7:45           | 7               | 3       | 0      | 10       | 0    | 14       | 0      | 14       | 0      | 1      | 0      | 1     | 0     | 1      | 9        | 10      | 35       | 95         |                     | 0 | 0     | 0     | 1              |
| 8:00           | 6               | 5       | 0      | 11       | 0    | 14       | 0      | 14       | 1      | 0      |        | 1     | 0     |        |          |         | 32       | 116        |                     | 0 | 0     | 0     | 0              |
| 8:15           | 4               | 5       | 0      | 9        | 0    | 15       | 0      | 15       | 0      | 1      | 0      | 1     | 0     |        |          |         | 27       | 124        |                     | 0 | 0     | 0     | 1              |
| 8:30           | 8               | 4       | 0      | 12       | 0    | 15       | 1      | 16       | 0      | 0      |        | 0     | 0     |        |          | 4       | 32       | 126        |                     | 0 | 0     | 0     | 1              |
| 8:45           | 12              | 10      | 0      | 22       | 0    | 10       | 0      | 10       | 0      | 0      |        | 0     | 0     | _      |          |         | 35       | 126        |                     | 0 | 0     | 0     | 1              |
| 9:00           | 9               | 11      | 0      | 20       | 0    | 10       | 1      | 11       | 0      | 0      |        | 0     | 1     | 1      |          |         | 38       | 132        |                     | 0 | 0     | 0     | 0              |
| 9:15           | 5               | 6       | 0      | 11       | 0    | 9        | 1      | 10       | 0      | 2      | 0      | 2     | 0     | _      |          |         | 28       | 133        |                     | 0 | 0     | 0     | 2              |
| 9:30           | 8               | 6       | 1      | 15       | 0    | 7        | 0      | 7        | 0      | 0      | 0      | 0     | 0     |        |          | 11      | 33       | 134        |                     | 0 | 0     | 0     | 0              |
| 9:45           | 9               | 4       | 2      | 15       | 0    | 9        | 0      | 9        | 0      | 2      | 0      | 2     | 0     |        |          | 7       | 33       | 132        |                     | 0 | 0     | 0     | 0              |
| 10:00          | 10              | 11      | 0      | 21       | 0    | 6        | 0      | 6        | 1      | 0      | 0      | 1     | 0     |        |          | 12      | 40       | 134        |                     | 0 | 0     | 0     | 2              |
| 10:15          | 7               | 9       | 2      | 18       | 0    | 8        | 0      | 8        | 0      | 1      | 1      | 2     | 0     |        |          | 9       | 37       | 143        |                     | 0 | 0     | 0     | 0              |
| 10:30          | 1               | 14      | 1      | 16       | 0    | 9        | 1      | 10       | 1      | 0      |        | 1     | 0     |        |          | 12      | 39       | 149        |                     | 0 | 0     | 0     | 0              |
| 10:45          | 6               | 13      | 0      | 19<br>16 | 0    | 13<br>16 | 2<br>0 | 15<br>16 | 2<br>0 | 0<br>1 | 0      | 2     | 1     | 1      |          | _       | 42<br>42 | 158        | *                   | 0 | 0     | 0     | 0              |
| 11:00<br>11:15 | 6<br>1          | 9<br>12 | 1<br>0 | 16       | 0    | 16       |        | 16<br>15 | 0      | 1<br>1 |        | 1     | 0     |        |          | 9<br>11 | 42       | 160        | *                   | 0 | 0     | 0     | 0              |
| 11:15          | 4               | 12      | 1      | 13<br>18 | 0    | 15<br>14 | 0      | 15<br>14 | 0      | 0      | 0      | 0     | 0     |        |          |         | 40       | 163<br>164 | *                   | 0 | 0     | 0     | 0              |
| 11:45          | 8               | 13      | 0      | 18<br>26 | 0    | 24       | 0      | 14<br>24 | 0      | 0      |        | 0     | 0     |        | _        | 8       | 40<br>58 | 180        | ⊣                   | 0 | 0     | 0     | 0              |
| Total          | 130             |         |        | 302      | 0    | 227      | 7      | 234      | 5      | 10     |        | 16    |       |        |          | _       | 691      | 160        | +                   |   |       | 0     | 9              |
| Total          | 130             | 164     | 8      | 302      | U    | 221      | /      | 234      | 5      | 10     | 1      | 10    | 2     | 11     | 126      | 139     | 1,60     |            |                     | 0 | 0     | U     | 9              |
| 12:00          | 12              | 7       | 0      | 19       | 0    | 12       | 1      | 13       | 0      | 0      | 0      | 0     | 0     | 1      | 9        | 10      | 42       |            | П                   | 0 | 0     | 0     | 0              |
| 12:15          | 11              | 7       | 1      | 19       | 0    | 8        | 0      | 8        | 0      | 0      |        | 0     | 1     | 1      |          |         | 31       |            | H                   | 0 | 0     | 0     | 1              |
| 12:30          | 4               | 11      | 1      | 16       | 0    | 13       | 0      | 13       | 1      | 0      |        | 1     | 0     |        |          | 7       | 37       |            | H                   | 0 | 0     | 0     | 0              |
| 12:45          | 9               | 13      | 0      | 22       | 0    | 9        | 1      | 10       | 0      | 1      | 0      | 1     | 0     |        |          |         | 40       | 150        |                     | 0 | 0     | 0     | 0              |
| 13:00          | 6               | 16      | 1      | 23       | 0    | 7        | 1      | 8        | 0      | 0      |        | 0     | 1     | 0      |          |         | 38       | 146        | H                   | 0 | 0     | 0     | 0              |
| 13:15          | 6               | 18      | 0      | 24       | 0    | 16       | 2      | 18       | 1      | 0      |        | 1     | 0     |        |          |         | 49       | 164        |                     | 0 | 0     | 0     | 0              |
| 13:30          | 11              | 10      | 0      | 21       | 0    | 11       | 0      | 11       | 0      | 0      |        | 0     | 0     |        |          |         | 38       | 165        |                     | 0 | 0     | 0     | 1              |
| 13:45          | 6               | 10      | 0      | 16       | 0    | 11       | 1      | 12       | 1      | 0      |        | 1     | 0     |        |          |         | 35       | 160        |                     | 0 | 0     | 0     | 0              |
| 14:00          | 11              | 5       | 0      | 16       | 0    | 13       | 0      | 13       | 0      | 1      | 0      | 1     | 1     | 0      |          |         | 40       | 162        | *                   | 0 | 0     | 0     | 0              |
| 14:15          | 10              | 16      | 0      | 26       | 0    | 12       | 1      | 13       | 0      | 0      |        | 0     | 1     | 0      |          |         | 54       |            | +                   | 0 | 0     | 0     | 0              |
| 14:30          | 6               | 9       | 0      | 15       | 0    | 16       | 0      | 16       | 0      | 0      |        | 0     | 0     | 2      |          |         | 49       | 178        | *                   | 0 | 0     | 0     | 0              |
| 14:45          | 8               | 16      | 0      |          |      | 12       | 0      | 12       | 0      | 2      |        | 2     | 0     |        |          |         | 50       | 193        | *                   | 0 | 0     | 0     | 0              |
| n/a            |                 |         |        |          |      |          |        |          |        |        |        |       |       |        |          |         |          |            |                     |   |       |       |                |
| n/a            |                 |         |        |          |      |          |        |          |        |        |        |       |       |        |          |         |          |            |                     |   |       |       |                |
| n/a            |                 |         |        |          |      |          |        |          |        |        |        |       |       |        |          |         |          |            |                     |   |       |       |                |
| n/a            |                 |         |        |          |      |          |        |          |        |        |        |       |       |        |          |         |          |            |                     |   |       |       |                |
| Total          | 100             | 138     | 3      | 241      | 0    | 140      | 7      | 147      | 3      | 4      | 0      | 7     | 4     | 4      | 100      | 108     | 503      |            |                     | 0 | 0     | 0     | 2              |
|                |                 |         |        |          |      |          |        |          |        |        |        |       |       |        |          |         |          |            |                     |   |       |       |                |
| n/a            |                 |         |        |          |      |          |        |          |        |        |        |       |       |        |          |         |          |            |                     |   |       |       |                |
| n/a            |                 |         |        |          |      |          |        |          |        |        |        |       |       |        |          |         |          |            |                     |   |       |       |                |
| n/a            |                 |         |        |          |      |          |        |          |        |        |        |       |       |        |          |         |          |            | Щ                   |   |       |       |                |
| n/a            | J               |         |        |          |      |          |        |          |        |        |        |       |       |        |          |         |          |            | Щ                   |   |       |       |                |
| n/a            |                 |         |        |          |      |          |        |          |        |        |        |       |       |        |          |         |          |            | Щ                   | ļ |       |       |                |
| n/a            |                 |         |        |          |      |          |        |          |        |        |        |       |       |        |          |         |          |            | Щ                   |   |       |       |                |
| n/a            |                 |         |        |          |      |          |        |          |        |        |        |       |       |        |          |         |          |            | $\sqcup$            |   |       |       |                |
| n/a            |                 |         |        |          |      |          |        |          |        |        |        |       |       |        |          |         |          |            | $\square$           |   |       |       |                |
| n/a            |                 |         |        |          |      |          |        |          |        |        |        |       |       |        |          |         |          |            | igspace             |   |       |       | $\blacksquare$ |
| n/a            |                 |         |        |          |      |          |        |          |        |        |        |       |       |        |          |         |          |            | ${oxdot}$           |   |       |       | $\blacksquare$ |
| n/a            |                 |         |        |          |      |          |        |          |        |        |        |       |       |        |          |         |          |            | ${oxdot}$           |   |       |       | $\blacksquare$ |
| n/a            |                 |         |        |          |      |          |        |          |        |        |        |       |       |        |          |         |          |            | ${oxdot}$           |   |       |       |                |
| n/a            |                 |         |        |          |      |          |        |          |        |        |        |       |       |        |          |         |          |            | $\vdash \vdash$     |   |       |       |                |
| n/a            |                 |         |        |          |      |          |        |          |        |        |        |       |       |        |          |         |          |            | ${oxdot}$           |   |       |       |                |
| n/a            |                 |         |        |          |      |          |        |          |        |        |        |       |       |        |          |         |          |            | $\vdash \vdash$     |   |       |       |                |
| n/a            |                 |         |        |          |      |          |        |          |        |        |        |       |       |        | <u> </u> |         |          |            | ${oldsymbol{dash}}$ | + |       |       | -              |
| n/a            |                 |         |        |          |      |          |        |          |        |        |        |       |       |        |          |         |          |            | $\vdash \vdash$     |   |       |       | $\blacksquare$ |
| n/a            |                 |         |        |          |      |          |        |          |        |        |        |       |       |        | <u> </u> |         |          |            | ${oldsymbol{dash}}$ | + |       |       | -              |
| n/a            |                 |         |        |          |      |          |        |          |        |        |        |       |       |        |          |         |          |            | $\vdash \vdash$     |   |       |       | -              |
| n/a            |                 |         |        |          |      |          |        |          |        |        |        |       |       |        |          |         |          |            |                     |   |       |       |                |
| Total          |                 |         |        |          |      |          |        |          |        |        |        |       |       |        |          |         |          |            |                     |   |       |       |                |



# **AM Peak Period All Vehicles Combined**

| Time   |       | 3rd   | Ave             |        |              | 3rd    | Ave    |        | S    | hip Cı | eek F  | ₹d    | S    | hip Cr | eek R | .d    |          |                     |     |       |       |     |        |       |
|--------|-------|-------|-----------------|--------|--------------|--------|--------|--------|------|--------|--------|-------|------|--------|-------|-------|----------|---------------------|-----|-------|-------|-----|--------|-------|
| Period | NO    | RTH   | Appro           | ach    | SO           | UTH A  | Appro  | ach    | W    | EST A  | Approa | ach   | EA   | AST A  | pproa | ch    | Total Vo | olume हैं<br>Hour व |     | Cross | walks |     | Con    | flict |
| Begins | Left  | Thru  | Right           | Total  | Left         | Thru   | Right  | Total  | Left | Thru   | Right  | Total | Left | Thru   | Right | Total | 15-min   | Hour d              | N   | S     | W     | Е   | 15 min | Hr    |
| 7:00   | 4     | 1     | 0               | 5      | 0            | 4      | 0      | 4      | 0    | 1      | 0      | 1     | 0    | 0      | 1     | 1     | 11       |                     | 0   | 0     | 0     | 0   | 9      |       |
| 7:15   | 8     | 3     | 0               | 11     | 0            | 6      | 0      | 6      | 0    | 0      | 0      | 0     | 0    | 1      | 1     | 2     | 19       |                     | 0   | 0     | 0     | 0   | 16     |       |
| 7:30   | 7     | 7     | 0               | 14     | 0            | 9      | 1      | 10     | 0    | 0      | 0      | 0     | 0    | 1      | 5     | 6     | 30       |                     | 0   | 0     | 0     | 0   | 23     |       |
| 7:45   | 7     | 3     | 0               | 10     | 0            | 14     | 0      | 14     | 0    | 1      | 0      | 1     | 0    | 1      | 9     | 10    |          | 95                  | 0   | 0     | 0     | 1   | 31     | 79    |
| 8:00   | 6     | 5     | 0               | 11     | 0            | 14     | 0      | 14     | 1    | 0      | 0      | 1     | 0    | 0      | 6     | 6     |          | 116                 | 0   | 0     | 0     | 0   | 27     | 97    |
| 8:15   | 4     | 5     | 0               | _      | 0            | 15     | 0      | 15     | 0    | 1      | 0      | 1     | 0    | 0      | 2     | 2     |          | 124                 | 0   | 0     | 0     | 1   | 21     | 102   |
| 8:30   | 8     | 4     | 0               |        | 0            | 15     | 1      | 16     | 0    | 0      | 0      | 0     | 0    | 2      | 2     | 4     |          | 126                 | 0   | 0     | 0     | 1   | 28     | 107   |
| 8:45   | 12    | 10    | 0               |        | 0            | 10     | 0      | 10     | 0    | 0      | 0      | 0     | 0    | 0      | 3     | 3     |          | 126                 | 0   | 0     | 0     | 1   | 25     | 101   |
| 9:00   | 9     | 11    | 0               | 20     | 0            | 10     | 1      | 11     | 0    | 0      | 0      | 0     | 1    | 1      | 5     | 7     | 38       | 132                 | 0   | 0     | 0     | 0   | 26     | 100   |
| 9:15   | 5     | 6     | 0               | 11     | 0            | 9      | 1      | 10     | 0    | 2      | 0      | 2     | 0    | 0      | 5     | 5     |          | 133                 | 0   | 0     | 0     | 2   | 20     | 99    |
| 9:30   | 8     | 6     | 1               | 15     | 0            | 7      | 0      | 7      | 0    | 0      | 0      |       | 0    | 0      | 11    | 11    |          | 134                 | 0   | 0     | 0     | 0   | 26     | 97    |
| 9:45   | 9     | 4     | 2               |        | 0            | 9      | 0      | 9      | 0    | 2      | 0      | 2     | 0    | 0      | 7     | 7     |          | 132                 | 0   | 0     | 0     | 0   | 25     | 97    |
| 10:00  | 10    | 11    | 0               | 21     | 0            | 6      | 0      | 6      | 1    | 0      | 0      | 1     | 0    | 1      | 11    | 12    | 40       | 134                 | 0   | 0     | 0     | 2   | 29     | 100   |
| 10:15  | 7     | 9     | 2               |        | 0            | 8      | 0      | 8      | 0    | 1      | 1      | 2     | 0    | 1      | 8     | 9     |          | 143                 | 0   | 0     | 0     | 0   | 24     | 104   |
| 10:30  | 1     | 14    | 1               | 16     | 0            | 9      | 1      | 10     | 1    | 0      | 0      | 1     | 0    | 1      | 11    | 12    | 39       | 149                 | 0   | 0     | 0     | 0   | 28     | 106   |
| 10:45  | 6     | 13    | 0               | 19     | 0            | 13     | 2      | 15     | 2    | 0      | 0      | 2     | 1    | 1      | 4     | 6     | 42       | 158                 | 0   | 0     | 0     | 1   | 28     | 109   |
| 11:00  | 6     | 9     | 1               | 16     | 0            | 16     | 0      | 16     | 0    | 1      | 0      | 1     | 0    | 0      | 9     | 9     | 42       | 160 *               | 0   | 0     | 0     | 0   | 31     | 111   |
| 11:15  | 1     | 12    | 0               | 13     | 0            | 15     | 0      | 15     | 0    | 1      | 0      | 1     | 0    | 0      | 11    | 11    | 40       | 163 *               | 0   | 0     | 0     | 0   | 27     | 114   |
| 11:30  | 4     | 13    | 1               | 18     | 0            | 14     | 0      | 14     | 0    | 0      | 0      | 0     | 0    | 0      | 8     | 8     |          | 164 *               | 0   | 0     | 0     | 0   | 26     | 112   |
| 11:45  | 8     | 18    | 0               | 26     | 0            | 24     | 0      | 24     | 0    | 0      | 0      | 0     | 0    | 1      | 7     | 8     | 58       | 180 +               | 0   | 0     | 0     | 0   | 40     | 124   |
|        |       |       |                 | •      |              |        |        |        |      |        |        |       |      |        |       |       |          |                     |     |       |       |     | _      |       |
| Total  | 130   | 164   | 8               | 302    | 0            | 227    | 7      | 234    | 5    | 10     | 1      | 16    | 2    | 11     | 126   | 139   | 691      |                     | 0   | 0     | 0     | 9   | . [    | 506   |
| Avg Hr | 26    | 33    | 2               | 60     | 0            | 45     | 1      | 47     | 1    | 2      | 0      | 3     | 0    | 2      | 25    | 28    | 138      |                     | 0   | 0     | 0     | 2   | _      |       |
|        |       |       |                 |        |              |        |        |        |      |        |        |       |      |        |       |       |          |                     |     |       |       |     |        |       |
| Peak h | our o | f the | inters          | ectio  | n            |        |        |        |      |        |        |       |      |        |       |       |          |                     |     |       |       |     | _      |       |
| Pk Hr  | 19    | 52    | 2               | 73     | 0            | 69     | 0      | 69     | 0    | 2      | 0      | 2     | 0    | 1      | 35    | 36    | 180      | *                   | 0   | 0     | 0     | 0   | . [    | 124   |
| 15x4   | 32    | 72    | 4               | 104    | 0            | 96     | 0      | 96     | 0    | 4      | 0      | 4     | 0    | 4      | 44    | 44    | 232      | +                   | 0   | 0     | 0     | 0   | . [    | 176   |
| PHF    | 0.59  | 0.72  | 0.50            | 0.70   | n/a          | 0.72   | n/a    | 0.72   | n/a  | 0.50   | n/a    | 0.50  | n/a  | 0.25   | 0.80  | 0.82  | 0.78     |                     | n/a | n/a   | n/a   | n/a | . [    | 0.70  |
|        |       |       |                 |        |              |        |        |        |      |        |        |       |      |        |       |       |          |                     |     |       |       |     |        |       |
| Peak h | our o | f con | <u>flicti</u> n | g volu | <u>ume</u> s | for th | e inte | ersect | ion  |        |        |       |      |        |       |       |          |                     |     |       |       |     | _      |       |
| Pk Hr  | 19    | 52    | 2               | 73     | 0            | 69     | 0      | 69     | 0    | 2      | 0      | 2     | 0    | 1      | 35    | 36    | 180      | *                   | 0   | 0     | 0     | 0   |        | 124   |
| 15x4   | 32    | 72    | 4               | 104    | 0            | 96     | 0      | 96     | 0    | 4      | 0      | 4     | 0    | 4      | 44    | 44    | 232      | +                   | 0   | 0     | 0     | 0   |        | 176   |
| PHF    | 0.59  | 0.72  | 0.50            | 0.70   | n/a          | 0.72   | n/a    | 0.72   | n/a  | 0.50   | n/a    | 0.50  | n/a  | 0.25   | 0.80  | 0.82  | 0.78     |                     | n/a | n/a   | n/a   | n/a |        | 0.70  |

<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*

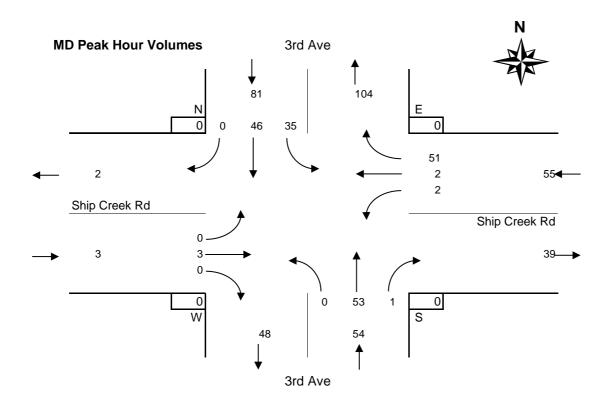




# **MD Peak Period**All Vehicles Combined

| Time            |           | 3rd       | Ave     |           |      | 3rd    | Ave    |           | S    | hip C | reek R | Rd    | S    | hip Cr | eek R     | Rd        |         |       |    |     |       |       |     |        |        |
|-----------------|-----------|-----------|---------|-----------|------|--------|--------|-----------|------|-------|--------|-------|------|--------|-----------|-----------|---------|-------|----|-----|-------|-------|-----|--------|--------|
| Period          | NO        | RTH A     | Appro   | ach       | SO   | UTH /  | Approa | ach       | W    | EST A | Approa | ach   | E    | AST A  | pproa     | ach       | Total V | olume | ak | C   | Cross | walks |     | Cor    | nflict |
| <b>Begins</b>   | Left      | Thru      | Right   | Total     | Left | Thru   | Right  | Total     | Left | Thru  | Right  | Total | Left | Thru   | Right     | Total     | 15-min  | Hour  | Pe | N   | S     | W     | Е   | 15 min | Hr     |
| 12:00           | 12        | 7         | 0       | 19        | 0    | 12     | 1      | 13        | 0    | 0     | 0      | 0     | 0    | 1      | 9         | 10        | 42      |       |    | 0   | 0     | 0     | 0   | 35     |        |
| 12:15           | 11        | 7         | 1       | 19        | 0    | 8      | 0      | 8         | 0    | 0     | 0      | 0     | 1    | 1      | 2         | 4         | 31      |       |    | 0   | 0     | 0     | 1   | 22     |        |
| 12:30           | 4         | 11        | 1       | 16        | 0    | 13     | 0      | 13        | 1    | 0     | 0      | 1     | 0    | 0      | 7         | 7         | 37      |       |    | 0   | 0     | 0     | 0   | 25     |        |
| 12:45           | 9         | 13        | 0       |           | 0    | 9      | 1      | 10        | 0    | 1     | 0      | 1     | 0    | 0      | 7         | 7         | 40      | 150   |    | 0   | 0     | 0     | 0   | 26     | 108    |
| 13:00           | 6         | 16        | 1       | 23        | 0    |        | 1      | 8         | 0    | 0     | _      | 0     |      | O      | 6         | 7         | 38      | 146   |    | 0   | 0     | 0     | 0   | 23     | 96     |
| 13:15           | 6         | 18        | 0       |           | 0    | 16     | 2      | 18        | 1    | 0     | 0      |       | 0    |        | 6         | 6         | 49      | 164   |    | 0   | 0     | 0     | 0   | 31     | 105    |
| 13:30           | 11        | 10        | 0       |           | 0    | 11     | 0      |           | 0    | 0     |        | 0     |      |        | 6         | 6         |         | 165   | -  | 0   | 0     | 0     | 1   | 28     | 108    |
| 13:45           | 6         | 10        | 0       |           | 0    | 11     | 1      | 12        | 1    | 0     | _      | _     | 0    |        | 6         | _         |         | 160   |    | 0   | 0     | 0     | 0   | 25     | 107    |
| 14:00           | 11        | 5         | 0       |           | 0    | 13     |        |           | 0    | 1     |        |       | 1    | Ŭ      | 9         |           |         | 162   |    | 0   | 0     | 0     | 0   | 33     | 117    |
| 14:15           | 10        | 16        | 0       |           | 0    | 12     | 1      | 13        | 0    | 0     |        | _     |      | •      | 14        | 15        | 54      | 167   | _  | 0   | 0     | 0     | 0   | 37     | 123    |
| 14:30           | 6         | 9         | 0       |           | 0    | 16     | 0      | _         | 0    | 0     | _      | _     |      |        | 16        |           | 49      | 178   | *  | 0   | 0     | 0     | 0   | 40     | 135    |
| 14:45           | 8         | 16        | 0       | 24        | 0    | 12     | 0      | 12        | 0    | 2     | 0      | 2     | 0    | 0      | 12        | 12        | 50      | 193   | *  | 0   | 0     | 0     | 0   | 32     | 142    |
| n/a             |           |           |         |           |      |        |        |           |      |       |        |       |      |        |           |           |         |       |    |     |       |       |     |        |        |
| n/a             |           |           |         |           |      |        |        |           |      |       |        |       |      |        |           |           |         |       |    |     |       |       |     |        |        |
| n/a             |           |           |         |           |      |        |        |           |      |       |        |       |      |        |           |           |         |       |    |     |       |       |     |        |        |
| n/a             |           |           |         |           |      |        |        |           |      |       |        |       |      |        |           |           |         |       |    |     |       |       |     |        |        |
| Total           | 400       | 400       | 2       | 244       | 0    | 4.40   | 7      | 4.47      | 2    | 1     | 0      | 7     |      | 4      | 400       | 400       | 500     |       | Г  | 0   | 0     | 0     | 0   | Г      | 254    |
| Total<br>Avg Hr | 100<br>33 | 138<br>46 | 1       | 241<br>80 | 0    |        | 2      | 147<br>49 | 3    | 4     | 0      | 7     | 4    | 4      | 100<br>33 | 108<br>36 |         |       | ŀ  | 0   | 0     | 0     | 2   | L      | 354    |
| Avg Hi          | აა        | 40        | ı       | 00        | U    | 47     | 2      | 49        | ı    | ı     | U      |       | I    | I      | 33        | 30        | 100     |       | L  | U   | U     | U     | ı   |        |        |
| Peak h          | our o     | f the i   | inters  | section   | n    |        |        |           |      |       |        |       |      |        |           |           |         |       |    |     |       |       |     |        |        |
| Pk Hr           | 35        | 46        | 0       |           | 0    | 53     | 1      | 54        | 0    | 3     | 0      | 3     | 2    | 2      | 51        | 55        | 193     | *     |    | 0   | 0     | 0     | 0   |        | 142    |
| 15x4            | 44        | 64        | 0       |           | 0    | 64     | 4      | 64        | 0    | 8     |        | 8     | 4    | _      | 64        | 72        | 216     | +     |    | 0   | 0     | 0     | 0   | l      | 184    |
| PHF             | 0.80      | 0.72      | n/a     |           | n/a  | 0.83   | 0.25   | 0.84      | n/a  | _     | n/a    | 0.38  | 0.50 | 0.25   | 0.80      | 0.76      | 0.89    |       | ı  | n/a | n/a   | n/a   | n/a |        | 0.77   |
|                 |           |           |         |           |      |        |        |           |      |       |        |       |      |        |           |           |         |       | _  |     |       |       |     |        |        |
| Peak h          | our o     | f con     | flictin | ıg volu   | umes | for th | e inte | ersect    | ion  |       |        |       |      |        |           |           |         |       |    |     |       |       |     |        |        |
| Pk Hr           | 35        | 46        | 0       |           | 0    | 53     | 1      | 54        | 0    | 3     | 0      | 3     | 2    | 2      | 51        | 55        | 193     | *     |    | 0   | 0     | 0     | 0   |        | 142    |
| 15x4            | 44        | 64        | 0       | 104       | 0    | 64     | 4      | 64        | 0    | 8     | 0      | 8     | 4    | 8      | 64        | 72        | 216     | +     |    | 0   | 0     | 0     | 0   | [      | 184    |
| PHF             | 0.80      | 0.72      | n/a     | 0.78      | n/a  | 0.83   | 0.25   | 0.84      | n/a  | 0.38  | n/a    | 0.38  | 0.50 | 0.25   | 0.80      | 0.76      | 0.89    |       |    | n/a | n/a   | n/a   | n/a |        | 0.77   |

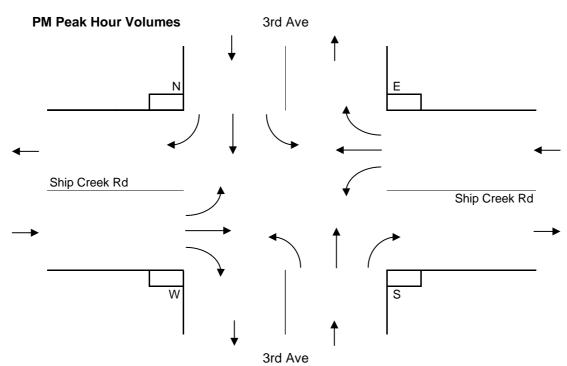
<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*



# **PM Peak Period**All Vehicles Combined

| Time          |          |        | Ave     |       |      |        | Ave     |        |      |       | reek F |       |      | hip Cı | reek R | Rd    |                   |       |    |   |       |        |   |        |        |
|---------------|----------|--------|---------|-------|------|--------|---------|--------|------|-------|--------|-------|------|--------|--------|-------|-------------------|-------|----|---|-------|--------|---|--------|--------|
| Period        | NO       | RTH    | Appro   | ach   | SO   | UTH    | Appro   | ach    | W    | EST A | Approa | ach   | E    | AST A  | pproa  | ach   | Total V           | olume | ak | ( | Cross | swalks | 3 | Coi    | nflict |
| Begins        | Left     | Thru   | Right   | Total | Left | Thru   | Right   | Total  | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Total V<br>15-min | Hour  | Pe | N | S     | W      | Е | 15 min | Hr     |
| n/a           |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |       |        |   |        |        |
| n/a           |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |       |        |   |        |        |
| n/a           |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |       |        |   |        |        |
| n/a           |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |       |        |   |        |        |
| n/a           |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |       |        |   |        |        |
| n/a           |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |       |        |   |        |        |
| n/a           |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |       |        |   |        |        |
| n/a           |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |       |        |   |        |        |
| n/a           |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |       |        |   |        |        |
| n/a           |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |       |        |   |        |        |
| n/a           |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |       |        |   |        |        |
| n/a           |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |       |        |   |        |        |
| n/a           |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |       |        |   |        |        |
| n/a           |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |       |        |   |        |        |
| n/a           |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |       |        |   |        |        |
| n/a           |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |       |        |   |        |        |
| n/a           |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |       |        |   |        |        |
| n/a           |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |       |        |   |        |        |
| n/a           |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |       |        |   |        |        |
| n/a           |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |       |        |   |        |        |
|               |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |       |        |   |        |        |
| Total         |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |       |        |   |        | 0      |
| Avg Hr        |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |       |        |   |        |        |
| D 1 1         |          |        | • 4     |       |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |       |        |   |        |        |
| Peak he       | our o    | tne    | inters  | ectio | n    |        |         |        |      |       |        |       |      |        |        |       |                   |       | ı  |   |       |        |   | 1 1    | 0      |
| Pk Hr<br>15x4 |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |       |        |   |        | 0      |
|               |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   | +     |    |   |       |        |   |        | 0      |
| PHF           |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   |       |    |   |       |        |   |        | n/a    |
| Peak he       | our o    | f con  | flictin | a vol | umes | for th | ne inte | ersect | ion  |       |        |       |      |        |        |       |                   |       |    |   |       |        |   |        |        |
| Pk Hr         | <u> </u> | . 5511 |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   | *     |    |   |       |        |   |        | Ω      |
| 15x4          |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   | +     |    |   |       |        |   |        | 0      |
| PHF           |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   | •     |    |   |       |        |   |        | n/a    |
| 1 1 11        |          |        |         |       |      |        |         |        |      |       |        |       |      |        |        |       |                   |       | ļ  |   |       |        |   |        | 11/4   |







Entire Survey Period 8 Hours

|        |      | 3rd  | Ave   |       |      | 3rd   | Ave   |       | S    | hip Cı | eek R  | ld    | S    | hip Cı | eek R | ld    |        | _ |   |
|--------|------|------|-------|-------|------|-------|-------|-------|------|--------|--------|-------|------|--------|-------|-------|--------|---|---|
|        | NO   | RTH  | Appro | ach   | SO   | UTH / | Appro | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa | ich   | Total  |   |   |
|        | Left | Thru | Right | Total | Left | Thru  | Right | Total | Left | Thru   | Right  | Total | Left | Thru   | Right | Total | Volume |   | N |
| Total  | 230  | 302  | 11    | 543   | 0    | 367   | 14    | 381   | 8    | 14     | 1      | 23    | 6    | 15     | 226   | 247   | 1194   |   | 0 |
| Avg Hr | 29   | 38   | 1     | 68    | 0    | 46    | 2     | 48    | 1    | 2      | 0      | 3     | 1    | 2      | 28    | 31    | 149    |   | 0 |

| (       | Cross | walks | 3  |  |  |  |  |  |  |  |  |  |  |
|---------|-------|-------|----|--|--|--|--|--|--|--|--|--|--|
| N S W E |       |       |    |  |  |  |  |  |  |  |  |  |  |
| 0       | 0     | 0     | 11 |  |  |  |  |  |  |  |  |  |  |
| 0       | 0     | 0     | 1  |  |  |  |  |  |  |  |  |  |  |

AM Peak Period 5 Hours

|        |      | 3rd                                  | Ave   |       |      | 3rd   | Ave    |       | S    | hip Cı | eek R  | ?d    | S    | hip Cı | reek R | ₹d    |        |  |
|--------|------|--------------------------------------|-------|-------|------|-------|--------|-------|------|--------|--------|-------|------|--------|--------|-------|--------|--|
|        | NO   | NORTH Approach  Left Thru Right Tota |       |       | SO   | UTH A | Approa | ach   | W    | EST A  | Approa | ach   | E    | AST A  | pproa  | ach   | Total  |  |
| Totals | Left | Thru                                 | Right | Total | Left | Thru  | Right  | Total | Left | Thru   | Right  | Total | Left | Thru   | Right  | Total | Volume |  |
| Period | 130  | 164                                  | 8     | 302   | 0    | 227   | 7      | 234   | 5    | 10     | 1      | 16    | 2    | 11     | 126    | 139   | 691    |  |
| Avg Hr | 26   | 33                                   | 2     | 60    | 0    | 45    | 1      | 47    | 1    | 2      | 0      | 3     | 0    | 2      | 25     | 28    | 138    |  |

| ( | Cross | walks | 3 |
|---|-------|-------|---|
| N | S     | W     | Е |
| 0 | 0     | 0     | 9 |
| 0 | 0     | 0     | 2 |

MD Peak Period 3 Hours

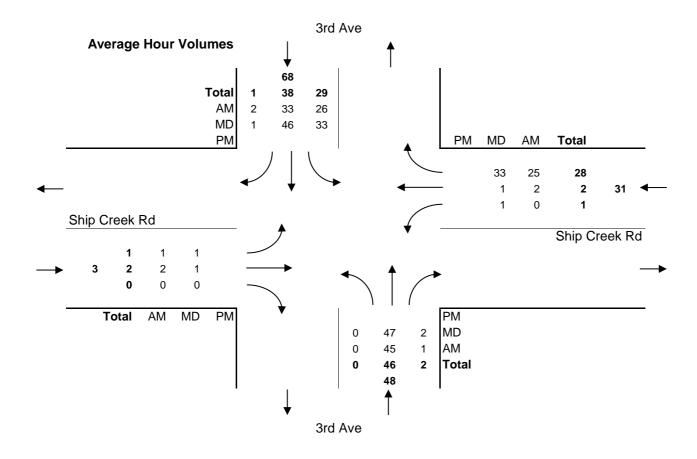
|        |      | 3rd   | Ave   |       |                | 3rd | Ave |               | S                     | hip Cı | reek R | ld    | S     | hip Cı | eek R | ₹d     |     |
|--------|------|-------|-------|-------|----------------|-----|-----|---------------|-----------------------|--------|--------|-------|-------|--------|-------|--------|-----|
|        | NO   | RTH / | Appro | ach   | SOUTH Approach |     |     | WEST Approach |                       |        | E      | AST A | pproa | ach    | Total |        |     |
| Totals | Left | Thru  | Right | Total | Left           |     |     |               | Left Thru Right Total |        |        | Left  | Thru  | Right  | Total | Volume |     |
| Total  | 100  | 138   | 3     | 241   | 0              | 140 | 7   | 147           | 3                     | 4      | 0      | 7     | 4     | 4      | 100   | 108    | 503 |
| Avg Hr | 33   | 46    | 1     | 80    | 0              | 47  | 2   | 49            | 1                     | 1      | 0      | 2     | 1     | 1      | 33    | 36     | 168 |

| ( | Cross   | walks | 3 |  |  |  |  |  |  |  |  |  |  |
|---|---------|-------|---|--|--|--|--|--|--|--|--|--|--|
| Ν | N S W E |       |   |  |  |  |  |  |  |  |  |  |  |
| 0 | 0       | 0     | 2 |  |  |  |  |  |  |  |  |  |  |
| 0 | 0       | 0     | 1 |  |  |  |  |  |  |  |  |  |  |

PM Peak Period Hours

|        |      | 3rd  | Ave   |       |      | 3rd Ave        |  |  | S    | hip Cı                | eek R  | ld  | Ship Creek Rd |      |       |       |        |  |
|--------|------|------|-------|-------|------|----------------|--|--|------|-----------------------|--------|-----|---------------|------|-------|-------|--------|--|
|        | NO   | RTH  | Appro | ach   | SO   | SOUTH Approach |  |  | W    | EST A                 | Approa | ach | EAST Approach |      |       |       | Total  |  |
| Totals | Left | Thru | Right | Total | Left |                |  |  | Left | Left Thru Right Total |        |     | Left          | Thru | Right | Total | Volume |  |
| Total  |      |      |       |       |      |                |  |  |      |                       |        |     |               |      |       |       |        |  |
| Avg Hr |      |      |       |       |      |                |  |  |      |                       |        |     |               |      |       |       |        |  |

| ( | Cross | walks | 6 |
|---|-------|-------|---|
| N | S     | W     | Е |
|   |       |       |   |
|   |       |       |   |





## Data summarized for input into Synchro/HCS

### **All Vehicles Combined**

#### AM

|                      | EBL  | EBT  | EBR  | WBL  | WBT  | WBR  | NBL | NBT  | NBR  | SBL  | SBT  | SBR  |
|----------------------|------|------|------|------|------|------|-----|------|------|------|------|------|
| Traffic Volume (vph) | 0    | 2    | 0    | 0    | 1    | 35   | 0   | 69   | 0    | 19   | 52   | 2    |
| Peak Hour Factor     | n/a  | 0.50 | n/a  | n/a  | 0.25 | 0.80 | n/a | 0.72 | n/a  | 0.59 | 0.72 | 0.50 |
| Total Volume         | 5    | 10   | 1    | 2    | 11   | 126  | 0   | 227  | 7    | 130  | 164  | 8    |
| % of Total Vehicles  | 100% | 100% | 100% | 100% | 100% | 100% | n/a | 100% | 100% | 100% | 100% | 100% |

#### MD

|                      | EBL  | EBT  | EBR | WBL  | WBT  | WBR  | NBL | NBT  | NBR  | SBL  | SBT  | SBR  |
|----------------------|------|------|-----|------|------|------|-----|------|------|------|------|------|
| Traffic Volume (vph) | 0    | 3    | 0   | 2    | 2    | 51   | 0   | 53   | 1    | 35   | 46   | 0    |
| Peak Hour Factor     | n/a  | 0.38 | n/a | 0.50 | 0.25 | 0.80 | n/a | 0.83 | 0.25 | 0.80 | 0.72 | n/a  |
| Total Volume         | 3    | 4    | 0   | 4    | 4    | 100  | 0   | 140  | 7    | 100  | 138  | 3    |
| % of Total Vehicles  | 100% | 100% | n/a | 100% | 100% | 100% | n/a | 100% | 100% | 100% | 100% | 100% |

#### РМ

|                      | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Traffic Volume (vph) |     |     |     |     |     |     |     |     |     |     |     |     |
| Peak Hour Factor     |     |     |     |     |     |     |     |     |     |     |     |     |
| Total Volume         |     |     |     |     |     |     |     |     |     |     |     |     |
| % of Total Vehicles  | n/a |

### Regular Vehicles

#### AM

|                      | EBL | EBT | EBR  | WBL | WBT | WBR  | NBL | NBT  | NBR | SBL  | SBT  | SBR  |
|----------------------|-----|-----|------|-----|-----|------|-----|------|-----|------|------|------|
| Traffic Volume (vph) | 0   | 0   | 0    | 0   | 0   | 23   | 0   | 63   | 0   | 12   | 49   | 2    |
| Peak Hour Factor     | n/a | n/a | n/a  | n/a | n/a | 0.72 | n/a | 0.75 | n/a | 0.43 | 0.72 | 0.50 |
| Total Volume         | 4   | 1   | 1    | 1   | 1   | 74   | 0   | 210  | 5   | 72   | 153  | 7    |
| % of Total Vehicles  | 80% | 10% | 100% | 50% | 9%  | 59%  | n/a | 93%  | 71% | 55%  | 93%  | 88%  |

#### MD

|                      | EBL | EBT  | EBR | WBL  | WBT | WBR  | NBL | NBT  | NBR  | SBL  | SBT  | SBR |
|----------------------|-----|------|-----|------|-----|------|-----|------|------|------|------|-----|
| Traffic Volume (vph) | 0   | 1    | 0   | 2    | 0   | 34   | 0   | 49   | 1    | 20   | 44   | 0   |
| Peak Hour Factor     | n/a | 0.25 | n/a | 0.50 | n/a | 0.71 | n/a | 0.77 | 0.25 | 0.71 | 0.69 | n/a |
| Total Volume         | 2   | 1    | 0   | 3    | 0   | 63   | 0   | 128  | 6    | 59   | 132  | 1   |
| % of Total Vehicles  | 67% | 25%  | n/a | 75%  | 0%  | 63%  | n/a | 91%  | 86%  | 59%  | 96%  | 33% |

#### PM

|                      | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Traffic Volume (vph) |     |     |     |     |     |     |     |     |     |     |     |     |
| Peak Hour Factor     |     |     |     |     |     |     |     |     |     |     |     |     |
| Total Volume         |     |     |     |     |     |     |     |     |     |     |     |     |
| % of Total Vehicles  | n/a |

#### **Buses**

#### AM

|                      | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT  | NBR | SBL  | SBT | SBR |
|----------------------|-----|-----|-----|-----|-----|-----|-----|------|-----|------|-----|-----|
| Traffic Volume (vph) | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1    | 0   | 1    | 0   | 0   |
| Peak Hour Factor     | n/a | 0.25 | n/a | 0.25 | n/a | n/a |
| Total Volume         | 0   | 0   | 0   | 1   | 0   | 1   | 0   | 9    | 1   | 8    | 1   | 0   |
| % of Total Vehicles  | 0%  | 0%  | 0%  | 50% | 0%  | 1%  | n/a | 4%   | 14% | 6%   | 1%  | 0%  |

#### MD

|                      | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT  | NBR | SBL  | SBT | SBR |
|----------------------|-----|-----|-----|-----|-----|-----|-----|------|-----|------|-----|-----|
| Traffic Volume (vph) | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 2    | 0   | 1    | 0   | 0   |
| Peak Hour Factor     | n/a | 0.50 | n/a | 0.25 | n/a | n/a |
| Total Volume         | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 5    | 0   | 3    | 1   | 0   |
| % of Total Vehicles  | 0%  | 0%  | n/a | 0%  | 0%  | 0%  | n/a | 4%   | 0%  | 3%   | 1%  | 0%  |

#### РМ

|                      | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Traffic Volume (vph) |     |     |     |     |     |     |     |     |     |     |     |     |
| Peak Hour Factor     |     |     |     |     |     |     |     |     |     |     |     |     |
| Total Volume         |     |     |     |     |     |     |     |     |     |     |     |     |
| % of Total Vehicles  | n/a |

#### **Articulated Trucks**

#### AM

|                      | EBL | EBT  | EBR | WBL | WBT | WBR  | NBL | NBT  | NBR | SBL | SBT  | SBR |
|----------------------|-----|------|-----|-----|-----|------|-----|------|-----|-----|------|-----|
| Traffic Volume (vph) | 0   | 2    | 0   | 0   | 0   | 2    | 0   | 1    | 0   | 0   | 1    | 0   |
| Peak Hour Factor     | n/a | 0.50 | n/a | n/a | n/a | 0.50 | n/a | 0.25 | n/a | n/a | 0.25 | n/a |
| Total Volume         | 0   | 6    | 0   | 0   | 5   | 4    | 0   | 3    | 0   | 4   | 3    | 0   |
| % of Total Vehicles  | 0%  | 60%  | 0%  | 0%  | 45% | 3%   | n/a | 1%   | 0%  | 3%  | 2%   | 0%  |

#### MD

|                      | EBL | EBT  | EBR | WBL | WBT | WBR  | NBL | NBT  | NBR | SBL  | SBT  | SBR |
|----------------------|-----|------|-----|-----|-----|------|-----|------|-----|------|------|-----|
| Traffic Volume (vph) | 0   | 1    | 0   | 0   | 0   | 3    | 0   | 2    | 0   | 1    | 2    | 0   |
| Peak Hour Factor     | n/a | 0.25 | n/a | n/a | n/a | 0.38 | n/a | 0.50 | n/a | 0.25 | 0.50 | n/a |
| Total Volume         | 0   | 1    | 0   | 0   | 1   | 5    | 0   | 4    | 0   | 3    | 3    | 1   |
| % of Total Vehicles  | 0%  | 25%  | n/a | 0%  | 25% | 5%   | n/a | 3%   | 0%  | 3%   | 2%   | 33% |

#### РМ

|                      | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Traffic Volume (vph) |     |     |     |     |     |     |     |     |     |     |     |     |
| Peak Hour Factor     |     |     |     |     |     |     |     |     |     |     |     |     |
| Total Volume         |     |     |     |     |     |     |     |     |     |     |     |     |
| % of Total Vehicles  | n/a |

### **Cube Trucks**

#### AM

|                      | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Traffic Volume (vph) | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 1   | 0   |

| Peak Hour Factor    | n/a | 0.25 | n/a | n/a | 0.25 | n/a |
|---------------------|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|------|-----|
| Total Volume        | 0   | 0   | 0   | 0   | 0   | 2   | 0   | 1    | 0   | 0   | 2    | 0   |
| % of Total Vehicles | 0%  | 0%  | 0%  | 0%  | 0%  | 2%  | n/a | 0%   | 0%  | 0%  | 1%   | 0%  |

#### MD

| _                    | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL  | SBT | SBR |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|
| Traffic Volume (vph) | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 2    | 0   | 0   |
| Peak Hour Factor     | n/a | 0.25 | n/a | n/a |
| Total Volume         | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 2    | 0   | 0   |
| % of Total Vehicles  | 0%  | 0%  | n/a | 0%  | 0%  | 1%  | n/a | 0%  | 0%  | 2%   | 0%  | 0%  |

#### PM

|                      | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Traffic Volume (vph) |     |     |     |     |     |     |     |     |     |     |     |     |
| Peak Hour Factor     |     |     |     |     |     |     |     |     |     |     |     |     |
| Total Volume         |     |     |     |     |     |     |     |     |     |     |     |     |
| % of Total Vehicles  | n/a |

## **Dump Trucks**

#### AM

|                      | EBL | EBT | EBR | WBL | WBT | WBR  | NBL | NBT | NBR | SBL  | SBT | SBR |
|----------------------|-----|-----|-----|-----|-----|------|-----|-----|-----|------|-----|-----|
| Traffic Volume (vph) | 0   | 0   | 0   | 0   | 0   | 4    | 0   | 0   | 0   | 3    | 0   | 0   |
| Peak Hour Factor     | n/a | n/a | n/a | n/a | n/a | 0.50 | n/a | n/a | n/a | 0.75 | n/a | n/a |
| Total Volume         | 0   | 1   | 0   | 0   | 1   | 19   | 0   | 0   | 0   | 20   | 1   | 0   |
| % of Total Vehicles  | 0%  | 10% | 0%  | 0%  | 9%  | 15%  | n/a | 0%  | 0%  | 15%  | 1%  | 0%  |

#### MD

|                      | EBL | EBT  | EBR | WBL | WBT  | WBR  | NBL | NBT | NBR | SBL  | SBT | SBR |
|----------------------|-----|------|-----|-----|------|------|-----|-----|-----|------|-----|-----|
| Traffic Volume (vph) | 0   | 1    | 0   | 0   | 1    | 5    | 0   | 0   | 0   | 6    | 0   | 0   |
| Peak Hour Factor     | n/a | 0.25 | n/a | n/a | 0.25 | 0.63 | n/a | n/a | n/a | 0.50 | n/a | n/a |
| Total Volume         | 0   | 1    | 0   | 0   | 1    | 14   | 0   | 0   | 0   | 15   | 0   | 0   |
| % of Total Vehicles  | 0%  | 25%  | n/a | 0%  | 25%  | 14%  | n/a | 0%  | 0%  | 15%  | 0%  | 0%  |

#### РМ

|                      | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Traffic Volume (vph) |     |     |     |     |     |     |     |     |     |     |     |     |
| Peak Hour Factor     |     |     |     |     |     |     |     |     |     |     |     |     |
| Total Volume         |     |     |     |     |     |     |     |     |     |     |     |     |
| % of Total Vehicles  | n/a |

## **Emergency Trucks**

#### AM

|                      | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Traffic Volume (vph) | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Peak Hour Factor     | n/a |
| Total Volume         | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| % of Total Vehicles  | 0%  | 0%  | 0%  | 0%  | 0%  | 0%  | n/a | 0%  | 0%  | 0%  | 0%  | 0%  |

#### MD

|                      | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Traffic Volume (vph) | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Peak Hour Factor     | n/a |
| Total Volume         | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| % of Total Vehicles  | 0%  | 0%  | n/a | 0%  | 0%  | 0%  | n/a | 0%  | 0%  | 0%  | 0%  | 0%  |

#### PM

|                      | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Traffic Volume (vph) |     |     |     |     |     |     |     |     |     |     |     |     |
| Peak Hour Factor     |     |     |     |     |     |     |     |     |     |     |     |     |
| Total Volume         |     |     |     |     |     |     |     |     |     |     |     |     |
| % of Total Vehicles  | n/a |

### **Garbage Trucks**

#### AM

|                      | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Traffic Volume (vph) | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Peak Hour Factor     | n/a |
| Total Volume         | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 1   | 0   | 1   | 1   | 0   |
| % of Total Vehicles  | 0%  | 0%  | 0%  | 0%  | 0%  | 1%  | n/a | 0%  | 0%  | 1%  | 1%  | 0%  |

#### MD

|                      | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Traffic Volume (vph) | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Peak Hour Factor     | n/a |
| Total Volume         | 0   | 0   | 0   | 1   | 0   | 1   | 0   | 1   | 0   | 0   | 0   | 0   |
| % of Total Vehicles  | 0%  | 0%  | n/a | 25% | 0%  | 1%  | n/a | 1%  | 0%  | 0%  | 0%  | 0%  |

#### РМ

|                      | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Traffic Volume (vph) |     |     |     |     |     |     |     |     |     |     |     |     |
| Peak Hour Factor     |     |     |     |     |     |     |     |     |     |     |     |     |
| Total Volume         |     |     |     |     |     |     |     |     |     |     |     |     |
| % of Total Vehicles  | n/a |

### **Logging Trucks**

#### AM

|                      | EBL | EBT | EBR | WBL | WBT  | WBR  | NBL | NBT | NBR | SBL  | SBT | SBR |
|----------------------|-----|-----|-----|-----|------|------|-----|-----|-----|------|-----|-----|
| Traffic Volume (vph) | 0   | 0   | 0   | 0   | 1    | 4    | 0   | 0   | 0   | 2    | 0   | 0   |
| Peak Hour Factor     | n/a | n/a | n/a | n/a | 0.25 | 0.50 | n/a | n/a | n/a | 0.50 | n/a | n/a |
| Total Volume         | 0   | 1   | 0   | 0   | 4    | 17   | 0   | 0   | 1   | 17   | 1   | 0   |
| % of Total Vehicles  | 0%  | 10% | 0%  | 0%  | 36%  | 13%  | n/a | 0%  | 14% | 13%  | 1%  | 0%  |

#### MD

|                      | EBL | EBT | EBR | WBL | WBT  | WBR  | NBL | NBT | NBR | SBL  | SBT | SBR |
|----------------------|-----|-----|-----|-----|------|------|-----|-----|-----|------|-----|-----|
| Traffic Volume (vph) | 0   | 0   | 0   | 0   | 1    | 4    | 0   | 0   | 0   | 4    | 0   | 0   |
| Peak Hour Factor     | n/a | n/a | n/a | n/a | 0.25 | 0.50 | n/a | n/a | n/a | 0.50 | n/a | n/a |

| Total Volume        | 0  | 1   | 0   | 0  | 2   | 8  | 0   | 0  | 0  | 13  | 0  | 0  |
|---------------------|----|-----|-----|----|-----|----|-----|----|----|-----|----|----|
| % of Total Vehicles | 0% | 25% | n/a | 0% | 50% | 8% | n/a | 0% | 0% | 13% | 0% | 0% |

#### РМ

|                      | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Traffic Volume (vph) |     |     |     |     |     |     |     |     |     |     |     |     |
| Peak Hour Factor     |     |     |     |     |     |     |     |     |     |     |     |     |
| Total Volume         |     |     |     |     |     |     |     |     |     |     |     |     |
| % of Total Vehicles  | n/a |

#### RVs

#### AM

|                      | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Traffic Volume (vph) | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Peak Hour Factor     | n/a |
| Total Volume         | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| % of Total Vehicles  | 0%  | 0%  | 0%  | 0%  | 0%  | 0%  | n/a | 0%  | 0%  | 0%  | 0%  | 0%  |

#### MD

|                      | EBL | EBT | EBR | WBL | WBT | WBR  | NBL | NBT | NBR | SBL | SBT | SBR |
|----------------------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|
| Traffic Volume (vph) | 0   | 0   | 0   | 0   | 0   | 1    | 0   | 0   | 0   | 0   | 0   | 0   |
| Peak Hour Factor     | n/a | n/a | n/a | n/a | n/a | 0.25 | n/a | n/a | n/a | n/a | n/a | n/a |
| Total Volume         | 0   | 0   | 0   | 0   | 0   | 1    | 0   | 0   | 1   | 0   | 1   | 0   |
| % of Total Vehicles  | 0%  | 0%  | n/a | 0%  | 0%  | 1%   | n/a | 0%  | 14% | 0%  | 1%  | 0%  |

#### РМ

|                      | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Traffic Volume (vph) |     |     |     |     |     |     |     |     |     |     |     |     |
| Peak Hour Factor     |     |     |     |     |     |     |     |     |     |     |     |     |
| Total Volume         |     |     |     |     |     |     |     |     |     |     |     |     |
| % of Total Vehicles  | n/a |

## **Utility Trucks**

#### AM

|                      | EBL | EBT | EBR | WBL | WBT | WBR  | NBL | NBT  | NBR | SBL  | SBT  | SBR |
|----------------------|-----|-----|-----|-----|-----|------|-----|------|-----|------|------|-----|
| Traffic Volume (vph) | 0   | 0   | 0   | 0   | 0   | 2    | 0   | 3    | 0   | 1    | 1    | 0   |
| Peak Hour Factor     | n/a | n/a | n/a | n/a | n/a | 0.50 | n/a | 0.38 | n/a | 0.25 | 0.25 | n/a |
| Total Volume         | 1   | 1   | 0   | 0   | 0   | 8    | 0   | 3    | 0   | 8    | 2    | 1   |
| % of Total Vehicles  | 20% | 10% | 0%  | 0%  | 0%  | 6%   | n/a | 1%   | 0%  | 6%   | 1%   | 13% |

#### MD

|                      | EBL | EBT | EBR | WBL | WBT | WBR  | NBL | NBT | NBR | SBL  | SBT | SBR |
|----------------------|-----|-----|-----|-----|-----|------|-----|-----|-----|------|-----|-----|
| Traffic Volume (vph) | 0   | 0   | 0   | 0   | 0   | 4    | 0   | 0   | 0   | 1    | 0   | 0   |
| Peak Hour Factor     | n/a | n/a | n/a | n/a | n/a | 0.50 | n/a | n/a | n/a | 0.25 | n/a | n/a |
| Total Volume         | 1   | 0   | 0   | 0   | 0   | 7    | 0   | 2   | 0   | 5    | 1   | 1   |
| % of Total Vehicles  | 33% | 0%  | n/a | 0%  | 0%  | 7%   | n/a | 1%  | 0%  | 5%   | 1%  | 33% |

РМ

|                      | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Traffic Volume (vph) |     |     |     |     |     |     |     |     |     |     |     |     |
| Peak Hour Factor     |     |     |     |     |     |     |     |     |     |     |     |     |
| Total Volume         |     |     |     |     |     |     |     |     |     |     |     |     |
| % of Total Vehicles  | n/a |